

BatchFile  
Enhancer *for Windows*

**WinBatchEh fwf<fv-ÚŽŸ**

**,Í,Ń,ß,É**

WinBatchEh,ìŽg,ç•û

WinBatchEh,ìkN“®fìfvfVf‡f“

**WinBatchEh,ìf[]fj...[]["à—e**

[ftf@fCf<ìf[]fj...[]

[fXf^[]fg]

[fXfgfbfv]

**WinBatchEh,Â“®,©,·fofbf`fRf}f“fh**

WinBatchEh,ìfRf}f“fh%ođ[]à,ì“Ç,Ÿ•û

WinBatchEh,ìfRf}f“fh^ê—

WinBatchEh,ìŽd—l[]EŽg—p[]ã,ì'[]^Ó

**WinBatchEh,É,Â,ç,Ä**

WinBatchEh,đfpf[][]fAfbfv,·,éf\ftfg

'~[]\ç []E“][]Ú[]đç[]E~A—[]æ

fVfFfAfEfFfA,É,Â,ç,Ä

WinBatchEh FAQ(—Ç,, ,éŽ; -â,Æ%oñ“š[]W)

## WinBatchEh, ĺŽg, ċ•û

### fɔfbf`ftf@fCf<, ĺfĲ[fvf“

WINBATCH.EXE/WINBAT32.EXE ,đfpf%ofĲ[f^Ĳ[, È, μ, Å<N“® , , , é, Æfɔfbf`“à—e•\  
Ž!fEfBf“fhfE, Æ»», è, Û, ·ĲBĲuftf@fCf<ĲvfĲjf...  
Ĳ[, ĲufĲ[fvf“Ĳv, Åfɔfbf`ftf@fCf<, đfĲ[fvf“, μ, Å, -  
, ¼, ³, ċĲBftf@fCf<f}fĲ[fWff, È, Ç, ©, ċfhfĲfbfv, μ, Å, à OK , Å, ·ĲB

fĲ[fvf“Æã, ĲufXf^Ĳ[fgĲv, Åfɔfbf`, ÆXf^Ĳ[fg, μ, Û, ·ĲBĲufXf^Ĳ[fgĲv, đĲs, È, ð, ÆĲ€-  
Ú, ÆĲufXfgfbfvĲv, È•Ĳ, Ĳ, è, Û, ·, Ĳ, ÅĲA“®Ĳ’t, Ĳfɔfbf`, đŽ~ , ß, ½, ċĲêĲ, ĲufXfgfbfvĲv, đ  
%oŸ, μ, Å, , ¼, ³, ċĲB, ĺ, È, Ÿ, É, ±, ĲXfCfbf`, ĲĲã, ĲVfXfefĲfĲjf...Ĳ[(fRf“fgĲĲ[f<fĲjf...  
Ĳ()“à, È, à, , è, Û, ·ĲB

fɔfbf`ftf@fCf<, ĺŠg’ÉŽq, Ĳ•È, È%o½, Å, àĲ, ċ, Û, ¹, ñ, ÆĲABTW(BaTch file for Win)  
, àĲA•Ĳ’È, È, Ç, Æ-³“Ĳ, Å, Ĳ, È, ċ, ©, ÆŽv, ċ, Û, ·ĲBfĲ[fvf“fĲjf...Ĳ[, ÅĲĲ%o, È, Å, Ä, -  
, é, Ĳ, à, ±, Ĳ 2 , Å, ĺŠg’ÉŽq, Ĳftf@fCf<, Å, ·ĲB

### fGfffBf^, ĲŸ’è, Æ<N“®

fɔfbf`ftf@fCf<, ĲĲX, Ĳ WinBatchEh  
, Å, Ĳs, È, Ĳ, Û, ¹, ñ, Ĳ, Å•ĲX, đĲs, È, ðĲêĲ, Ĳuftf@fCf<ĲvfĲjf...Ĳ[, ĲGfffBf^<N“® , Û, ½, Ĳ  
SHIFT+[Enter] , ÅfGfffBf^, đ<N“® , ³, ¹, Å•ĲX, μ, Å, , ¼, ³, ċĲB

fGfffBf^-¼, Ĳ%oSú’Ĳ, Ĳ NOTEPAD.EXE , È, È, Å, Ä, ċ  
, Û, ·, Ĳ, ÅĲA•ĲX, ·, èĲêĲ, Ĳuftf@fCf<Ĳv, ĲŸ’èĲfĲjf...Ĳ[, đ’Ĳ, μ, Å, -  
, ¼, ³, ċĲBfGfffBf^, Åftf@fCf<, đĲXĲV, μ, ½ĲêĲ, Ĳfɔfbf`ftf@fCf<, ĺŽ©“®ĲÄ“Ç, ŸĲž, Ÿ, Ĳ  
—L-³, È, Ç, ĲŸ’è, à, ±, ĲfĲjf...Ĳ[“à, ÅĲs, È, ċ, Û, ·ĲB

### fɔfbf`ftf@fCf<, đŽÀĲs, μ, ½Æã

fɔfbf`, đŽÀĲs’t, Ĳfɔfbf`ŽÀĲsfEfBf“fhfE(DOS , Ĳ%oæ-È, Ÿ, ½, ċ, È, à, Ĳ, Å, ·)  
, Æ»», è, Û, ·ĲB•Ĳ’È, Ĳfɔfbf`, đ“® , ©, μ, ½ĲêĲ, Ĳ, ±, ±, ÉfĲfbfZĲ[fW, È, Ç, Æ•\ŽĲ, ³, è, éŽ-  
, È, È, è, Û, ·ĲB, ±, Ĳfɔfbf`ŽÀĲsfEfBf“fhfE, Æžx-, ÈĲêĲ, Ĳ EXECUTEWND OFF , ÅĲA•\  
ŽĲ, ÆĲs, È, Ĳ, è, È, , È, è, Û, ·ĲB(fɔfbf` , Ĳæ“a, Å “@EXECUTEWND OFF”  
, đŽÀĲs, ·, è, ĲfEfBf“fhfE, Ĳ’S, •\ŽĲ, ³, è, Û, ¹, ñ)ĲB

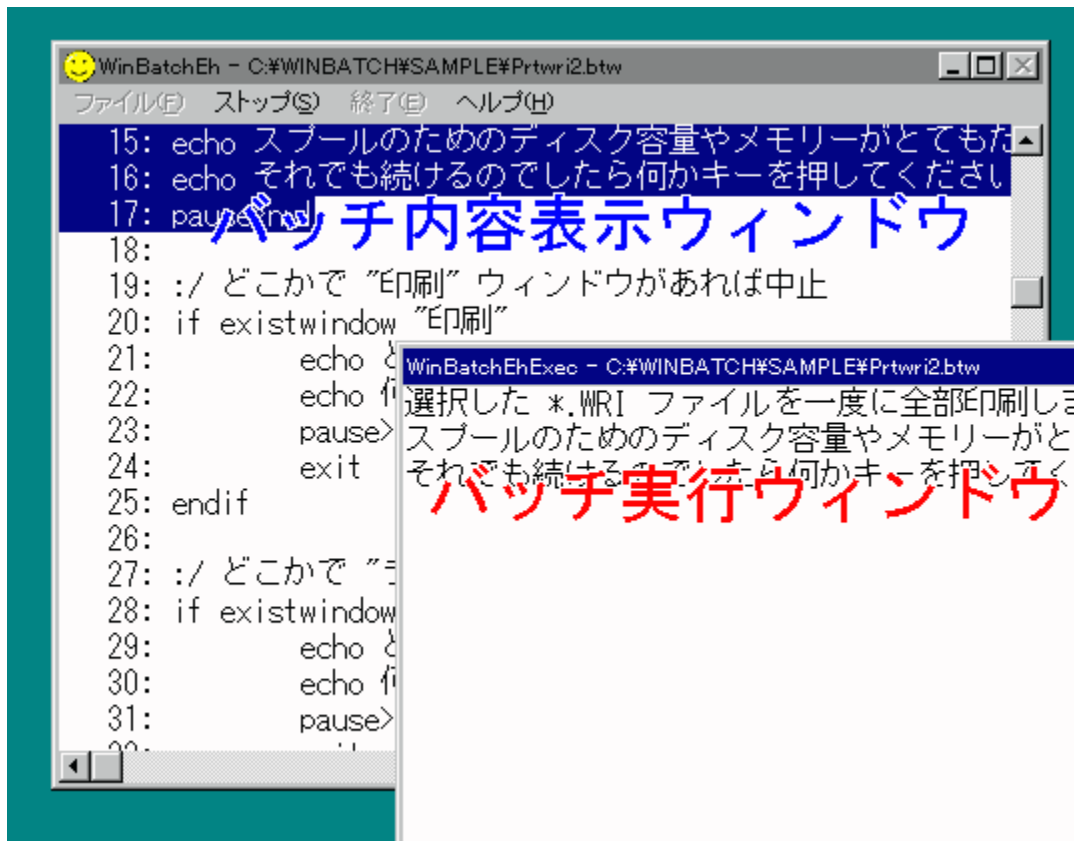
, Û, ½ĲAfɔfbf`“à—e•\Ž!fEfBf“fhfE, ĲÆ»ĲŸŽÀĲs’t, Ĳfɔfbf`, Ĳs, È, , Ĳ, ¹, ÅfXfNfĲĲ[f<, ÆĲs,  
È, Ĳ, èĲA, Ç, Ĳs, ÆŽÀĲs, ³, è, Å, ċ, é, ©Šm”F, đĲs, È, ð, ±, Æ, Æ, Å, «, Û, ·ĲB, ±  
, ĲfEfBf“fhfE, àžx-, ÈĲêĲ, Ĳ BATCHWND OFF  
, ÅfAfCfRf“Ĳó’Ó, È, È, è, Û, ·ĲBŽn, ß, ©, ċfAfCfRf“, È, μ, Å, ”, , Ĳ, È, ċfvfĲfOf  
%ofĲf}fĲ[fWff, È, Ç, Ĳ“o~^, àfAfCfRf“Ĳó’Ó, Å<N“® , , , é, æ, ð, ÈĲŸ’è, μ, Å, ”, ċ, Å, -  
, ¼, ³, ċĲB

### WINBATCH.EXE/WINBAT32.EXE, ©, ċfɔfbf`, đ’¼ĲÚ<N“®

WINBATCH.EXE/WINBAT32.EXE , đfvfĲfOf%ofĲf}fĲ[fWff, È, Ç, È“o~^ , μĲA, ³, ċ, Éfpf  
%ofĲĲ[f^ , Æ, μ, Åfɔfbf`ftf@fCf<-  
¼, đŽw’è, ·, è, ĲĲA, » , Ĳfɔfbf`ftf@fCf<, ĺŽÀĲs, Æ, ·, ® , ÈŽn, Û, èĲAfɔfbf`ftf@fCf<, ÆĲĲ, Ĳ, è, Ĳ

AWinBatchEh ,à□I—<sup>1</sup>,μ,Ü,·□B

□uf□[fvf“□vf□fjf...□[ , ©, çfofbf` ,đ“Ç,Ý□ž,ň,Å□ufXf^□[fg□v,μ,½□ê□#,Ífofbf` □I—  
<sup>1</sup>Žž,Éf□fbfZ□[fW,ª•\Ž!,<sup>3</sup>,êfL□[“ü—Í‘Ò,¿,Æ,È,è,Ü,·,ª□Afpf  
%of□□[f^□[ ,đ•t, ¯,Äfofbf` ,đ'<sup>1</sup>/<sub>4</sub>ÚŽÀ□s,μ,½□ê□#□A,±,Íf□fbfZ□[fW,à□o,È,-  
,È,è,Ü,·□B



## WinBatchEh,ì<N“®f|fvfVf#f“

**fofbf` ,đ'¼□Ú<N“®**

WINBATCH.EXE/WINBAT32.EXE ,đfvf□fOf%of€f}f|□[fWff,È,Ç,É“o~^ ,μ□A,³,ç,Éfpf  
%of□□[f^ ,Æ,μ,Äfofbf`ftf@fCf<-  
¼,đŽw'è,·,ê,î□A,» ,ìfofbf`ftf@fCf<,ìŽÀ□s,ª,·,® ,ÉŽn,Ü,è□Afofbf`ftf@fCf<,ª□I,í,ê,î□  
AWinBatchEh ,à□I—¹,μ,Ü,·□B

**—á**

WINBATCH.EXE FILENAME.BAT ^ø□"1 ^ø□"2 ...

WINBAT32.EXE FILENAME.BAT ^ø□"1 ^ø□"2 ...

## WinBatchEh, iŽd—l

**^μ, l, éfofbf`ftf@fCf<**

^μ, l, éfofbf`ftf@fCf<, l[Aftf@fCf<, l'á, <, ³, ÍŠÖŒW, , è, Ü, ¹, ñ, º[A]A'á 8192  
[]s, Á, ·[]B, Ü, ½[]A1 []s, l[]Á'á·¶Žš[]", l 512 ·¶Žš, Á, ·[]B

**^μ, l, éftf@fCf<-¼**

16frfbfgfo[]fWf#f", Á, l'·, çftf@fCf<-¼, lftf[]f[]fg, μ, Ä, ç  
, Ü, ¹, ñ, º[A32frfbfgfo[]fWf#f", Á, l'·, çftf@fCf<-¼, à^μ, l, Ü, ·(<ó"" , ðŠÜ, pftf@fCf<-¼, à  
" " , Á^l, ¢Ž-, É, æ, èŽw'è, Á, <, Ü, ·)[]B

**ŠÁ<<·i[]", l—l^æ**

ŠÁ<<·i[]", l—l^æ, l16frfbfgfo[]fWf#f", Á, lŽ©'O, l—l^æ, ð—p^Ó, μ[]A—e—Ê"l, É, l—ñ  
64KB 'ö"xŽg—p, Á, <, Ü, ·[]B32frfbfgfo[]fWf#f", Á, lfvfxfef€, Á—p^Ó, ³, è, ½—  
l^æ, ðŽg—p, μ[]A—e—Ê"l, É, l—ñ 16KB 'ö"x, lŽg—p, Á, <, é, ©, ÆŽv, ç, Ü, ·[]B  
, Ü, ½[]A1 , Á, lŠÁ<<·i[]", l'·, ³, l'·i[]"-¼, Æ·¶Žš—ñ, ð[]#, l, ¹, Á 500 ·¶Žš'ö"x, Ü, ÁŽg—  
p, Á, <, Ü, ·[]B

16frfbfgfo[]fWf#f", Á, lŽqfvf[]ZfX, Æ, μ, Ä<N"® , μ, ½ŽÄ[]sftf@fCf<, Ö, lŠÁ<<·i[]", lŽó,  
~"n, μ, l[]s, È, l, è, Ü, ¹, ñ(WinBatchEh, ð<N"® , μ, ½, Æ, <, lŠÁ<<·i[]", º"n, ³, è, Ü, ·)[]B32frfb  
fgfo[]fWf#f", Á, lŒ»[]ÝŽÄ[]s't, lfofbf` , lŠÁ<<·i[]", l"à—e, º^ø, <<Œp, º, è, Ü, ·[]B

**fofbf`[]ã, Á<N"® , ·, éŽÄ[]sftf@fCf<, É, Á, ç, Ä**

DOS —p, lftfg, É, Á, ç, Ä, lŽÄ[]s, Á, <, é, à, l, Æ, Á, <, È, ç, à, l, º, , è, Ü, ·[]B(ŽÄ[]s, Á, <, È, -  
, Á, à[]l—¹, ð'Ó, Á[]ê[]#, º, , è, Ü, ·, l, Á[]A, » , l[]ê[]#[]ufXfgfbfv[]v, Á[]l, l, ç, ¹, Ä, ¾, ³, ç)[]B

, Ü, ½[]AWindows —pf

ftfg, Á, à[]A^ê"x, μ, ©<N"® , μ, È, çfAfvfŠfP[]fVf#f", ð, ·, Á, É<N"® , μ, Ä, ç  
, éó'Ó, Á[]A, ³, ç, É EXEC , àŽÄ[]sftf@fCf<, l, Ý, Á<N"® , ³, ¹, é, Æ[]Afofbf` , É-ß, Á, Ä, ±, È, ç  
, ±, Æ, à, ·, ®, Éfofbf` , É-ß, Á, Ä, , é[]ê[]#, º, , è, Ü, ·[]B

ŽÄ[]sftf@fCf<-¼, ÉfpfX-¼, ðŠÜ, ß, È, ç[]ê[]#, lffjŒf"fg, WINDOWS, Windows, l  
SYSTEM, WinBatchEh <N"® ŽŽ, É[]Ý'è, ³, è, Á, ç, ½ŠÁ<<·i[]" PATH  
, lfffBfŒfNfgfŠ(16frfbfgfo[]fWf#f", Á, l WinBatchEh "à, Á[]Ý'è, μ, ½ PATH  
, lŽQ[]Æ, μ, Ü, ¹, ñ), ðŒÝ[]ð, É[]s, <, Ü, ·[]B

ŽÄ[]sftf@fCf<-¼, Éfofbf`ftf@fCf<, ð—^ , l, é, Æ[]AWinBatchEh , ºŒ»[]Ý[]^—[] , μ, Ä, ç  
, éfofbf` , ð[]l—¹, μ, Á[]A, » , lfofbf`ftf@fCf<, É[]ŒŒä, ð^Ú, μ, Ü, ·[]B, È, "[]ACALL ·¶, ðŽg—  
p, ·, è, l[]Œ³, lfofbf` , É-ß, Á, Ä, <, Ü, ·[]B

EXEC , àŽÄ[]sftf@fCf<, l, Ý, Áfvf[]fOf%of€, ð<N"® , μ, Ä, ç

, éŠÖ, l[]Afn[]fhfEfFfA, É, æ, Á, Ä, l[]A[]È"d—  
l, []fh, É^Ú[]s, ·, éfpf[]f}f[]f[]fWf#f"fg<@"\, È, Ç, ºŽg—p, Á, <, È, ç[]ê[]#, º, , è, Ü, ·[]B

**fpf%of[]f^[]EŠÁ<<·i[]", l^øŒp**

WinBatchEn , ð[]l—¹, ¹, , É'±, -, Á"- , ¶fofbf` , l[]ufXf^[]f[]fg[]v, ð[]s, È, ¢

,ÆÅŠ«•İ” ,İŸ’è,ªO,İó’Ô,İÜ,Ü,Æ,È,è,Ü,·B,Ü,½ SHIFT fRf}f“fh,đŽg—  
p,µ,½ê±,à^U”® ,µ,½Ĉ<%oÊ,ª,»,İ,Ü,ÜĈp’±,³,è,Ü,·B

WinBatchEn ,©,ç¼,İfofbf` ,đufİ[fvf“vfİjf...  
[ ,Åfİ[fvf“ ,µ,½ê±<y,Ńfofbf` “à,Åfofbf` ,đ<N”® ,µ,½ê±ÅŠ«•İ” ,İŸ’è,İ^È’  
O,İŽÀsĈ<%oÊ,İ,Ü,Ü,É,È,Á,Ä,ç,Ü,·B

,Ü,½Afofbf` ,Ö,İpf%of[f^ [ ,ÍAuftf@fCf<vfİjf...  
[ ,İufİ[fvf“v,đs,È,Á,½ê±A<y,ŃfGffBf^ ,É,Ç,đ<N”® ,µ,Äfofbf` ,İÄ“Ç,ÝŹ,Ý  
,đs,È,Á,½ê±A%0 ^ÈŠO,İ,·,x,ÄÄ<Ž,³,è,Ü,·(%0 ,É,İfofbf` -¼,ª“ü,Á,Ä,ç,Ü,·)B

fofbf` “à,Åfofbf` ,đ<N”® ,µ,½ê±<y,Ń CALL ,ÄĈÄ,Ńo,µ,½ê±,İ,»,İfofbf` ,Ö,İpf  
%of[f^ [ ,ªŸ’è,³,è,Ü,·B,È,“ACALL ,İê±,ÍĈ³,İfofbf` ,É-  
ß,Á,½,Æ,«,É^È’O,İpf%of[f^ [ ,É-ß,è,Ü,·B

•İŽš—ñE’è<` •İŽš—ñE”’İEŠ«•İ” ,İŽw’è,É,Á,ç,Ä  
fRf}f“fh,É,æ,Á,Ä,İ,•İŽš—ñ,đpf%of[f^ ,É•K—v,Æ,·,é,à,İ,ª, ,è,Ü,·,ªA’Êİ,Í [ ]  
(f\_fuf<fNfH[fef[fVf“”),Ä^Í,ç,Ü,·,ªA•İŽš—ñ“à,Ä [ ] ,đŽg—p,µ,½,çê±,ÍA [ ]  
(fVf“fOf<fNfH[fef[fVf“”),Ä^Í,ª,±,Æ,à,Ä,«,Ü,·B

”’İ,İŽw’è,Æ’è<` •İŽš—ñ,İ—¼•û,ª,©,è,Ä,ç,é,à,İ,É,Á,ç  
,Ä,ÍA,Ä,«,é,¾,~’è<` •İŽš—ñ,İ•û,đŽg—p,µ,Ä,-  
,¾,³,çB”’İ,Í;Ĉä,İfo[fWf“ ,Ä•İX,ªs,È,í,è,é%oÄ”\ª,ª, ,è,Ü,·B  
”’İ,â’è<` •İŽš—ñ,đ ‘+’ ,â ‘-’ ,ÄĈvŽŽ,đs,È,ª  
,Æ,«,ÍAŠÔ,ÉfXfy[fX,È,Ç,đ“ü,è,È,ç,Ä,,¾,³,çB

”’İ,İŽw’è,Ä,Íæ“ª,đ ‘0x’  
,ÄŽn,ß,é,Æ16İ” ,İŽw’èA,»,è^ÈŠO,İê±,Í10İ” ,İŽw’è,Æ,È,è,Ü,·B(”’İ,İŽw’è  
•û-@)

,Ü,½”’İŽw’è,Ä1•İŽš,İfLfff%ofNf^ [ ,đŽw’è,·,é,±,Æ,à,Ä,«,Ü,·BfLfff  
%ofNf^ [ ,đŽw’è,·,éê±,İfVf“fOf<fNfH[fef[fVf“ [ ] ,Ä•İŽš,đ^Í,Á,Ä,,¾,³,ç(—á:  
'A')B

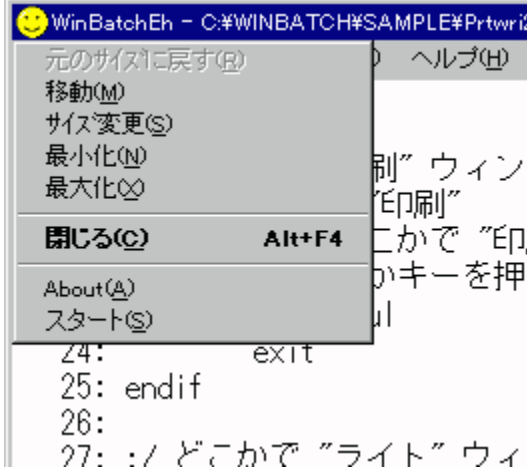
Š«•İ” ,İŽw’è,İ•”•ª,Ä “=” ,İ,Ÿ,đŽw’è,·,é,Æfofbf` ŽÀsfEfBf“fhfE,Éo—Í,·,é,±  
,Æ,ª,Ä,«,Ü,·B,±,è,đ—~—p,µ,Ä SPRINTF ,È,Ç,İ^ø” ,ÉAfRf}f“fh,İŽÀs—  
Í,đ’ă“ü,·,é,±,Æ,ª%oÄ”\,É,È,è,Ü,·B

,»,İ¼16frfbfg,Æ32frfbfgfo[fWf“ ,İ^á,ç  
Windows ,İ GUI Ž©g,İ^á,ç,É,æ,èA16 frfbfg,Æ 32 frfbfgfo[fWf“ ,ÄA•\  
Ž,³,è,é“à—e(•Ĉ»),É^á,ç,ª<N,«,éê±,ª, ,è,Ü,·B

fç[f<fo [ ,Í 32 frfbfgfo[fWf“ ,Ä,İ,ŸfTf [fg,µ,Ä,ç,Ü,· (fç[f<fo [ ,Í Windows95  
,Ü,½,İ Windows NT 3.51 ^É~ ,Ä”®İ,µ,Ä,ç,é,Æ,«,İ,Ÿ•Ž,³,è,Ü,·)B

fVfXfef€f fjf... (,Ü,½,ífRf“fgf [f<f fjf... (]

¶ã, ì<÷, Á, ±, ð%oÿ, µ, ½, Æ, <, É•\, ê, é fjf... [ , Å, · B





## WinBatchEh,ìuY'èv,É,Â,ç,Ä

### fGfffBf^-1/4:

ufGfffBf^<N"®v(,Ü,½,Í[SHIFT]+Enter)  
,Å<N"®,ðs,È,xfGfffBf^,ðY'è,µ,Ü,·B%Šú'l,Í NOTEPAD.EXE ,É,È,Á,Ä,ç,Ü,·B

fGfffBf^,ìY'è,É,ÍÈ%º,lf}fNf,ðŽw'è,Å,«,Ü,·B

```
$f ftf@fCf<-1/4
$l s"Ôt('123',ì,æ,æ,Éæ"ª,ì0,ðœ,ç,½CE`Ž®)
$n s"Ôt('00123',ì,æ,æ,É5CE...,ìCE`Ž®)
$$ '$Ž©g
```

f}fNfŽw'è,ª,È,çê±,lfGfffBf^,ìŽÀsftf@fCf<,ÉCE»Y,lfobf`ftf@fCf<,ðŽ©"®"l,  
É"n,µ,Ü,·,ªAf}fNfŽw'è,ðŽg—p,µ,Ä,ç,éê±,É,lf@fCf<-  
¼,ÍŽ©"®"l,É"n,µ,Ü,¹,ñ,ì,ÅAf}fNfŽw'è,ð1,Å,Å,àŽg—p,·,éê±,Í \$f ,lf@fCf<-  
¼Žw'è,à•K, ,fpf%of[f^,ÉŠÜ,ß,Ä,,¾,¾,çB  
s"Ôt,ì"l,ìACE»Yfobf`"à—e•Ž!fEfBf"fhfE,Å•Ž!,¾,è,Ä,ç  
,éæ"ª,ìs"Ôt,Å,·B"–R,È,ª,çGfffBf^'æ,Ås"Ôt,lfpf%of[f^,ðTf|lfg,µ,Ä,ç  
,é•K—v,ª, ,è,Ü,·(NOTEPAD.EXE,Å,lfTf|lfg,¾,è,Ä,ç,Ü,¹,ñ)B

Žw'è—á: C:\HIDEMARU\HIDEMARU.EXE /J\$n \$f

### XVftf@fCf<,ÍŠm" F,È,µ,ÅÄ"Ç,Ýž,Ý

,±,lf`fFbfNf{f^f",ðON,É,µ,Ä,·, -  
,ÆAfGfffBf^,Å•ìX,ðs,È,Ä,½CEã,lfobf` ,ìÄ"Ç,Ýž,Ý,ðs,È,æ,©,Ç,æ  
,©,ìŠm" F,È,µ,ÅÄŽ©"®"l,ÉÄ"Ç,Ýž,Ý,ªs,È,í,è,Ü,·B'Éí,íON,ìó'Ô,ÅŽg,Á,Ä,-  
¾,¾,çB

### fobf`"à—e•Ž!fEfBf"fhfE,ì'á,«,¾,ì•Ú'¶

,±,lf`fFbfNf{f^f",ðON,É,µ,Ä,·, ,ÆAfobf`"à—e•Ž!fEfBf"fhfE,ì'á,«,¾,ðA|—  
¹Žž,É•Ú'¶,ðs,È,çAŽY%ñ,ì<N"®Žž,É,à" ,¶'á,«,¾,Å•Ž!,¾,è,é,æ,æ,É,È,è,Ü,·B

### fobf`ftf@fCf<,ð1s'P^É,Å^—

'Éí,lfobf`ftf@fCf<,ðf|lfvf",µ,½,Æ,«,É,·,x,Ä,ðf|f,š,É"Ç,Ýž,ñ,ÅŽÀs,ðs,È,ç  
,Ü,·B,±,lf`fFbfN,ðON,É,µ,Ä,·, -  
,ÆAfobf`ftf@fCf<,ì"Ç,Ýž,Ý,ðŽÀs,·,é[s,²,Æ,É1s'P^É,Å"Ç,Ýž,Ý,ðs,È,ç

,Ü,·,ì,Å Afobf` ,ì“ ® ì,í’x,-  
,È,è,Ü,·,ª Afobf` ftf@fCf<,ð“Ç,Ýž,þfobftf@,ì•ªf,fŠ,ðβ-ñ,Å,«,Ü,·B

## ftfHf“fg,ìÝ’è

ufobf` “à—e·\  
ŽifEfBf“fhfE v,Ü,½,íufobf` ŽÀsfEfBf“fhfE v,ìftfHf“fg,ðÝ’è,μ,Ü,·BftfHf“fg,í  
Ā’è•,ìftfHf“fg,ì,Ý,ð’ð,Å,«,Ü,·B



## [ftf@fCf<]f[]ff...[]

[ftf@fCf<]f[]ff...[][,É,í[]Afofbf`ftf@fCf<,đŠ],ç  
,½,è[]AfGfffBf^[][,ì<N"®<y,N[]Ý'è[]A'—<àĀě,ì"o~^,đ[]s,È,æfRf}}f"fh,<sup>a</sup>, ,è,Ü,·[]B

## [fi[][fvf"]

fofbf`ftf@fCf<,lfi[][fvf" ,đ[]s,È,ç,Ü,·[]BŠg'ÉŽq,íffftfHf<fg,Å,í .BTW ,Ü,½,í .BAT  
,ì,à,ì,<sup>a</sup>l'đ,Å,«,Ü,·[]Bfofbf`ftf@fCf<,đfi[][fvf" ; ,é,Æ"Ç,Y[]ž,Ý,<sup>a</sup>[]s,È,í,è,Ä[]Afofbf` "à  
—e•\ŽlfEfBf"fhfE,É"à—e,<sup>a</sup>•\Žl,<sup>3</sup>,è,Ü,·[]B  
ftf@fCf<,lfi[][fvf" ,í[]%Šú%æ-É,ÅfL[]f{[][fh,ì O fL[][,đ%Ÿ,·,±,Æ,Å,à[]s,È,ì,Ü,·[]B

## [fGfffBf^[][<N"®]

fGfffBf^[][,ì<N"® ,đ[]s,È,ç,Ü,·[]Bfofbf`ftf@fCf<,<sup>a</sup>fi[][fvf" ,<sup>3</sup>,è,Ä,ç,è,î,»,ìftf@fCf<-  
¼,đfGfffBf^[][,É"n,µ,Ä<N"® ,<sup>a</sup>[]s,È,í,è,Ü,·[]B  
fGfffBf^[][,ì<N"® ,í[]%Šú%æ-É,ÅfL[]f{[][fh,ì SHIFT+fŠf^[]f" ,đ%Ÿ,·,±  
,Æ,Å,à[]s,È,ì,Ü,·[]B

## [[]Ý'è]

fGfffBf^-¼,ì[]Ý'è,È,Ç,đ[]s,È,ç,Ü,·[]B([[]Ý'è]f[]ff...[][,ì[]Ú[]x)

## [fRf}}f"fh'¼[]ÚŽÀ[]s]

fRf}}f"fh,đ"ü—í,µ,Ä'¼[]ÚŽÀ[]s,đ[]s,È,æ,±,Æ,<sup>a</sup>,Å,«,Ü,·[]B,±  
,è,É,æ,èWinBatchEh,lfRf}}f"fh,lfefXfg,È,Ç,đ[]s,È,æ,±  
,Æ,<sup>a</sup>,Å,«,Ü,·[]B(fRf}}f"fh'¼[]ÚŽÀ[]s,ìŽg,ç•ù)  
fRf}}f"fh,ì'¼[]ÚŽÀ[]s,í[]%Šú%æ-É,ÅfL[]f{[][fh,ì C fL[][,đ%Ÿ,·,±  
,Æ,Å,à[]s,È,ì,Ü,·[]B

## ["o~^]

'—<à"o~^,đ[]s,È,Á,½Āě[]AŽg—p,·,éft[]fU[][-¼,Ü,½,í%ĩŽĐ-  
¼,È,Ç,Æ[]A[]žÖ,æ,è,"'m,ç,<sup>1</sup>,µ,½ID"Ó†,đ"ü—í,Å,«,Ü,·[]B  
^è"x"o~^,đ[]s,È,æ,Æ[]A,±,lfRf}}f"fh,lf[]ff...[][,É,í•\,è,È,,È,è,Ü,·[]B

## ŽQ[]l

fVfFfAfEfFfA,É,Â,ç,Ä

## [fXf^[][fg]

f of bf` ft f @ f C f < , ð Ž À □ s , ð Ž n , ß , Ü , · □ B Ž À □ s , ð Ž n , Ü , é , Æ [fXf^[][fg] , ð R f } f “ f h , í [fXfgfbfv] , É • í % » , μ , Ü , · □ B

, È , “ □ A [fXf^[][fg] f R f } f “ f h , í ^ ê ” Ô □ ¶ □ ã , ð V f X f e f € f □ f j f ... □ [ ( f R f “ f g f □ □ [ f < f □ f j f ... □ [ ] “ à , É , à — p ^ Ó , ³ , ê , Ä , ç , Ü , · , ð , Å □ A f A f C f R f “ □ ó ‘ Ô , É , μ , Ä , ç , é □ ê □ † , È , Ç , í □ A , ± , ð , ç ‘ π , Å f R f } f “ f h , ð Ž À □ s , μ , Ä , , ¾ , ³ , ç □ B

, Ü , ½ □ A f L □ [ f { □ [ f h , ð S f L □ [ , ð % » ÿ , μ , Ä , à [fXf^[][fg] , · , é , ± , Æ , ð , Å , « , Ü , · □ B

## [fXfgfbfv]

ŽÀs't, ìfofbf`ftf@fCf<, ì" ® ìi, ð<§"l, É'tŽ~, μ, Ü, ·B^ê'U[fXfgfbfv], ðs, È, α, Æfofbf`, ì"r't, ©, çŽn, ß, é, æ, α, È, ±, Æ, í, Å, «, Ü, <sup>1</sup>, ñ, ì, Å, <sup>2</sup>'^Ó, <sup>3</sup>/<sub>4</sub>, <sup>3</sup>, çB

ŽÀs, ð[fXfgfbfv], Å'tŽ~, ·, é, ÆA[fXfgfbfv], ìfRf}f"fh, í[fXf^ [fg], É•ï%»», μ, Ü, ·B

, È, "A[fXfgfbfv]fRf}f"fh, í^ê"Ô¶ã, ìVfXfef€fjif... [(fRf"fgf [f<fjif...  
[])"à, É, à—p^Ó, <sup>3</sup>, ê, Ä, ç, Ü, ·, ì, ÅAfAfCfRf"ó'Ô, É, μ, Ä, ç, éê¶, È, Ç, íA, ±, ç, ç'α  
, ÅfRf}f"fh, ðŽÀs, μ, Ä, <sup>3</sup>/<sub>4</sub>, <sup>3</sup>, çB

## frf}f“fh’¼□ÚŽÀ□sfEfBf“fhfE,ìŽg,č•û

frf}f“fh’¼□ÚŽÀ□sfEfBf“fhfE,Á,í□Afrf}f“fhf%ofCf“,ì“ü—  
í,ð□s,È,Á,Ä□A,».,lfRf}f“fh,ìŽÀ□sCE<%oÊ,ðŠm“F,.,é,±,Æ,ª,Å,«.,Ü,·□B  
frf}f“fh,ìŽÀ□s,ð□s,È,±,Æ□Afofbf`ftf@fCf<,ðŽÀ□s,µ,Ä,č,é,Æ,«.,Æ“~,¶,æ,±  
,Éfofbf`ŽÀ□sfEfBf“fhfE,ªCE»,êCE<%oÊ,È,Ç,ª•\Ž|,³,ê,Ü,·□B

## ŽÀ□s“à—e,ì“ü—í

ŽÀ□s,ð□s,È,±frf}f“fh<y,Ńfpf%of□□[f^□[.ðfofbf`ftf@fCf<“à,Æ“~,¶,æ,±  
,ÉŽw’è,µ,Ü,·□Bê”ÓŽn,ß,Éfrf}f“fh’¼□ÚŽÀ□sfEfBf“fhfE,ðŠJ,č  
,½,Æ,«.,É,í□AfnfšfbfNf{□[fh,ì“à—e,ª“]’—,³,ê,Ä,č,Ü,·□B  
ŽÀ□s,ð□s,È,Á,½“à—e,í64□€-Ü,Ü,ÅqfXfgfŠ□[.Æ,µ,Ä<L%o~,³,ê,Ä,č,Ü,·□B

## CE»□Ý,ìERRORLEVEL,ì'I

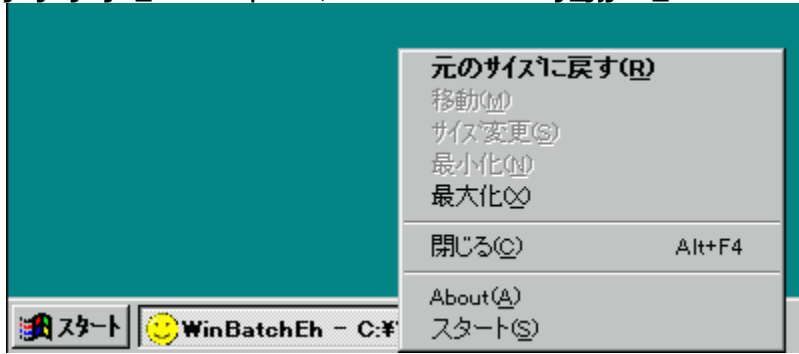
ŽÀ□s,ð□s,È,±'O,ìERRORLEVEL,ì'I,ì□Ý'è,ð□s,È,č  
,Ü,·□B,Ü,½ŽÀ□s,ð□s,È,Á,½CE<%oÊ,ìERRORLEVEL,à,±,ì•”•ª,É•\Ž|,³,ê,Ü,·□B

## ŽÀ□s“à—e,ðfnfšfbfvf{□[fh,É“]’—

,±,lf`fFfbfNf{fbfNfX,ðON,É,µ,Ä,“.,Æ□AŽÀ□s,ð□s,È,Á,½frf}f“fhf%ofCf“,ì“à—  
e,ðfnfšfbfvf{□[fh,É“]’—,µ,Ü,·□BfGffBf^□[.ÉŽÀ□s,µ,½“à—e,ð“\  
,è•t,~,ð□s,È,±□ê□‡,É•Ö—~,©,ÆŽv,č,Ü,·□B

fVfXfef€f fjf... (,Ü,½,ífRf“fgf [f<f fjf... (

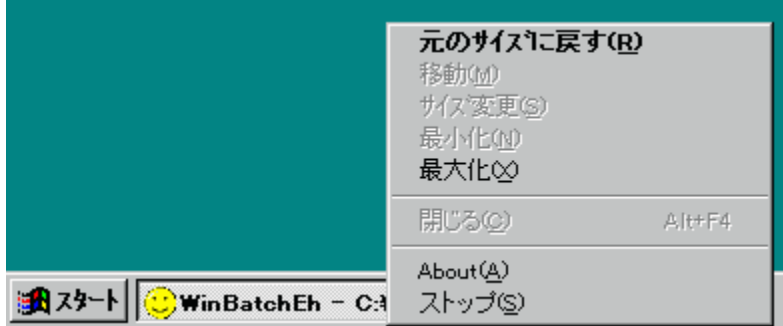
fAfCfRf“ó’Ô,É,μ,Ä,ç,Ä,àŽÿ,ì,æ,α,Éf fjf... [,ª•\,ê,Ü,·B





fVfXfef€f fjf...[(,Ü,½,ífRf“fgf[f<f fjf...[)

fAfCfRf“ó’Ô,É,μ,Ä,ç,Ä,àŽÿ,ì,æ,α,Éf fjf...[,ª•\,ê,Û,·B





## fRf}f“fh,ì□à-¾,ì•\<L•û-@

WinBatchEh,Å,ìfRf}f“fh,ð,ç,,Â,©,ì•ª-ì,É•ªŠ,,,μ,Ä,ç,Ü,·□B•ªŠ,,,íŽŸ,ì,æ,α,ÈĈ` ,Å□s,È,Á,Ä,ç,Ü,·□B

## WinBatchEh,ÅŽg,ì,éfRf}f“fhŠî- {•Ñ

DOS,ìfofbf`fRf}f“fh,Æ“` ,¶Ĉ`Ž® ,ìfRf}f“fh,Å,·□B

## WinBatchEh,ÅŽg,ì,éCOMMAND.COM“à•”fRf}f“fh•Ñ

COMMAND.COM,ì“à•”fRf}f“fh,Æ“` ,¶Ĉ`Ž® ,ìfRf}f“fh,Å,·□B

## WinBatchEh,ÅŽg,ì,éfRf}f“fhŠg’£•Ñ

fofbf`fRf}f“fh,ìŠg’£<y,Ñ’Ç  
%oÁ,ð□s,È,Á,½fRf}f“fh□A,»,è,ÉDOS□ã,Å,ìŠO•”fRf}f“fh,Å,·□B

## WinBatchEh,ÅŽg,ì,éfRf}f“fh•KŽE<Z•Ñ

Windows—p,É“Á•É,È□^—□,ð□s,È,ì,é,æ,α,É,È,Á,½fRf}f“fh,Å,·□B

,±,ìfwf<fv,Å,ìWinBatchEh,ìfRf}f“fh,ì%oð□à,íŽŸ,ì,æ,α,ÈĈ` ,Å□s,È,Á,Ä,ç,Ü,·□B

^ê”Ô□ã,ìf^fCfjg<  
fRf}f“fh-¼

[]

□È—ª%oÁ”\,Èfpf%of□□[f^□[,Å,·□B

-ß,è’l

fRf}f“fh,ª□l—<sup>1</sup>,μ,½Ĉã,ìERRORLEVEL,Å,·□B

—á

Žg—p—á,ð□Đ%oî,μ,Ü,·□B

ŽQ□Æ

,»,ìfRf}f“fh,ÆŠÖ~A,·,éfRf}f“fh,ìŽQ□Æ,ð□s,È,ì,Ü,·□B

## WinBatchEh,lfRf}f“fh^ê—

### Šî-{fRf}f“fh

|                                    |  |
|------------------------------------|--|
| <u>@</u>                           | ECHO ON ,l□ó'Ô,Å,àfRf}f“fh□s,l•\Ž!,đ□s,È,ç,Ü,¹,ñ□B |
| <u>%□"l, %ŠÅ&lt;&lt;•i□"% , %%</u> | f□f□%□f□□[f^□[,lŽw'è,âŠÅ<<•i□",l“à—                |
| <u>e,đŽQ□Æ,μ,Ü,·□B</u>             |  |
| <u>REM [•¶Žš—ñ]</u>                | ,>,l□s,đŽÀ□s,đ□s,È,í,È,çfRf□f“fg□s,É,μ,Ü,·□B       |
| <u>ECHO •¶Žš—ñ, ON/OFF</u>         | •¶Žš—ñ□o—l□AZÀ□s't,l□s,lfGfR□[,l—L-                |
| <u>³,đŽw'è,μ,Ü,·□B</u>             |  |
| <u>PAUSE [fRf□f“fg•¶Žš—ñ]</u>      | f□f□f□Z□[fW,đ•\Ž!,μ□A%½,©fL□[,ª                    |
| <u>%oÿ,³,é,é,Ü,Å'Ö,¿,Ü,·□B</u>     |  |
| <u>SET •i□"-¼=•¶Žš—ñ</u>           | ŠÅ<<•i□",Ö,l'ä“ü,đ□s,È,ç,Ü,·□B                     |
| <u>IF(fofbf`fRf}f“fhÇÝŠ·)</u>      | □đÇ□,l”»è,đ□s,È,Å,Å'±,•¶,đŽÀ□s,μ,Ü,·□B             |
| <u>GOTO LABEL</u>                  | LABEL,l□s,ÉfWfff“fv,μ,Ü,·□B                        |
| <u>FOR(fofbf`fRf}f“fhÇÝŠ·)</u>     | ÇJ,è•Ô,μŽÀ□s,đ□s,È,ç,Ü,·□B                         |
| <u>SHIFT</u>                       | fofbf` ,lf□f□%□f□□[f^□[,đ□¶,ÉfVftfg,μ,Ü,·□B        |
| <u>EXIT</u>                        | fofbf`ftf@fCf<,©,ç”²,~,Ü,·□B                       |
| <u>ŽÀ□sftf@fCf&lt;-¼</u>           | ftf@fCf<,đŽÀ□s,μ,Ü,·□B                             |
| <u>CALL fofbf`ftf@fCf&lt;-¼</u>    | fofbf`ftf@fCf<,đÇÄ,Ñ□o,μ,Ü,·□B                     |

### COMMAND.COM“à•”fRf}f“fh

|                         |  |
|-------------------------|--|
| <u>CLS</u>              | fofbf` ŽÀ□sfEfBf“fhfE,l“à—e,đ□Á<Ž,μ,Ü,·□B          |
| <u>DIR</u>              | fffBfÇfNfgfŠ,l“à—e,đ•\Ž!,μ,Ü,·□B                   |
| <u>DRIVE:</u>           | fjfÇf“fgfhf%□fCfu,đ•i□X,μ,Ü,·□B                    |
| <u>CHDIR, CD</u>        | fjfÇf“fgfffBfÇfNfgfŠ,l•i□X,Ü,½,l•\Ž!,đ□s,È,ç,Ü,·□B |
| <u>MKDIR, MD</u>        | fffBfÇfNfgfŠ,l□i□-,đ□s,È,ç,Ü,·□B                   |
| <u>RMDIR, RD</u>        | fffBfÇfNfgfŠ,l□i□œ,đ□s,È,ç,Ü,·□B                   |
| <u>COPY</u>             | ftf@fCf<,lfRfs□[,đ□s,È,ç,Ü,·□B                     |
| <u>REN, RENAME</u>      | ftf@fCf<-¼,l•i□X,đ□s,È,ç,Ü,·□B                     |
| <u>DEL, ERASE</u>       | ftf@fCf<,l□i□œ,đ□s,È,ç,Ü,·□B                       |
| <u>TYPE</u>             | fefLfxfgftf@fCf<,l“à—e•\Ž!,đ□s,È,ç,Ü,·□B           |
| <u>fšf`fCfÇfNfg□o—l</u> | •\Ž!,,é'ä,í,è,Éftf@fCf<,É□o—l,đ□s,È,ç,Ü,·□B        |

### Šg'£fRf}f“fh

|  |  |
|--|--|
| <u>GETVERSION</u>                        | WinBatchEh,lfo□[fWf†f“,đŽæ“¾,μ,Ü,·□B             |
| <u>BATCHWND, BATWND</u>                  | fofbf` “à—e•\Ž!%œ-É,l•\Ž!,l□§Çä,đ□s,È,ç,Ü,·□B    |
| <u>EXECUTEWND, EXECWND</u>               | fofbf` ŽÀ□s%œ-É,l•\Ž!,l□§Çä,đ□s,È,ç,Ü,·□B        |
| <u>ERRORLEVEL(ŽQ□Æ,□Ý'è)</u>             | ERRORLEVEL,đ•¶Žš—                                |
| <u>ñ,Æ,μ,ÄŽQ□Æ□A,Ü,½□Ý'è,ª,Å,«,Ü,·□B</u> |  |
| <u>GOSUB LABEL □` RETURN</u>             | ftfuf<□[f`f“,đÇÄ,Ñ□o,μ,Ü,·□B                     |
| <u>□\`ç%» IF □` ENDF</u>                 | □\`ç%»,l□s,È,í,éIF,Å,·□B                         |
| <u>WHILE □` ENDWHILE</u>                 | □đÇ□,l”»è,đ□s,È,Å,Å□ACEJ,è•Ô,μŽÀ□s,đ□s,È,ç,Ü,·□B |
| <u>□\`ç%» FOR □` ENDFOR</u>              | □\`ç%»,l□s,È,í,éFOR,Å,·□B                        |
| <u>EXEC ŽÀ□sftf@fCf&lt;-¼</u>            | ŽÀ□sftf@fCf<,đ□ó'Ô,đŽw'è,μ,Ä<N“® ,μ,Ü,·□B        |

START ŽÀ sftf@fCf<-¼  
MORE  
 ,Ü,·□B  
GETKEYSTATE  
CHOICE  
LET  
PRINTF  
SPRINTF  
GETCURRENT  
WINBATCH.EXE,lfpfX,đŽæ“¾,μ,Ü,·□B  
GETCLOCK  
STRTOFILE  
 ¼,È,Ç,đ”²,«□o,μ,Ü,·□B  
FILELINE  
LINPUTFILE  
TIMESTAMP  
 ,Ü,·□B  
FILESIZE  
CDD  
PUSHD/POPD  
WHICH  
TEMPFILENAME  
SLEEPTIME  
ON ...  
 ,Ü,·□B  
STR ...  
DRV ...  
FINDWND ...

ŽÀ sftf@fCf<,đó’Ô,đŽw’è,μ,Äf}f<f’,É<N“® ,μ,Ü,·□B  
 feLfXfgftf@fCf<,ì·\Ž|,đfy□[fW□\$CEä, ,è,Å□s,È,ç  
 Žw’è,lfL□[ ,ª%öÿ,³,è,Ä,ç,é,©,Ç,æ,©,đ”²,x,Ü,·□B  
 ‘l’đŽ^,l’t,lfL□[ ,ª“ü—l,³,è,é,ì,đ’Ô,ì,Ü,·□B  
 ŠÂ«•l□”,ÉCEvŽZCE<%oÉ,đ’ä“ü,μ,Ü,·□B  
 □’Ž®,É□],Á,Ä·\Ž|,đ□s,È,ç,Ü,·□B  
 □’Ž®,É□],Á,ÄŠÂ«•l□”,É’ä“ü,đ□s,È,ç,Ü,·□B  
 fJfCEf“fgfhf%ofCfu-¼,âffBfCEfNfgfŠ-¼,  
 CE»□Ý,l’ú•t,âŽž□□,đŽæ“¾,μ,Ü,·□B  
 —^ ,l,ç,è,½•¶Žš—ñ,©,çftf@fCf<-  
 ftf@fCf<,l□s□”,đ•Ô,μ,Ü,·□B  
 Žw’è,lfTf@fCf<,l’Á’è,l□s,đ”²,«□o,μ,Ü,·□B  
 ftf@fCf<,lf^fCf€fXf^f“fv,l”äŠr□AZæ“¾,đ□s,È,ç  
 ftf@fCf<,lfTfCfY,l”äŠr□AZæ“¾,đ□s,È,ç,Ü,·□B  
 fhf%ofCfu,ÆfffBfCEfNfgfŠ,đ^U“® ,μ,Ü,·□B  
 fhf%ofCfu,ÆfffBfCEfNfgfŠ,đ^U“® /•œ<A,μ,Ü,·□B  
 ŽÀ sftf@fCf<,l’¶□Ý,đŠm”F,μ,Ü,·□B  
 ^êŽžftf@fCf<-¼,đŽæ“¾,μ,Ü,·□B  
 Žw’è,μ,½ŽžŠÔ□A”® □ì,đŽ~,ß,Ü,·□B  
 f□fJf...□[ ,È,Ç,đ’l,ñ,¾□ê□‡,É“Á•É,É□^—□,đ□s,È,ç  
 •¶Žš—ñ’€□ì,đ□s,È,ç,Ü,·□B  
 fhf%ofCfu□î•ñ,lŽæ“¾,đ□s,È,ç,Ü,·□B  
 fEfBf“fhfE,lCEÿ□đ,đ□s,È,ç,Ü,·□B

**Windows—p•KŽEfRf}f“fh**

GETCURSORPOS  
SETCURSORPOS  
CLIPCURSOR  
GETFOCUS

f}fEfXfj□[f<,lCE»□Ý^É’u,đŽæ“¾,μ,Ü,·□B  
 f}fEfXfj□[f<,l^É’u,đ□Ý’è,μ,Ü,·□B  
 f}fEfXfj□[f<,l^U“®%oÄ”,É”l^l,đ□Ý’è,μ,Ü,·□B

CE»□ÝftfH□[fJfX,ª□Ý’è,³,è,½fEfBf“fhfE,đŽæ“¾,μ,Ü,·□B  
SETFOCUS  
SHOWWINDOW  
GETWINDOWRECT  
SETWINDOWRECT  
SETWINDOWPOS

Žw’è,lEfBf“fhfE,ÉftfH□[fJfX,đ□Ý’è,μ,Ü,·□B  
 Žw’è,lEfBf“fhfE,l□ó’Ô,đ•l□X,μ,Ü,·□B  
 Žw’è,lEfBf“fhfE,l^É’u<y,ÑfTfCfY,đŽæ“¾,μ,Ü,·□B  
 Žw’è,lEfBf“fhfE,l^É’u<y,ÑfTfCfY,đ□Ý’è,μ,Ü,·□B  
 Žw’è,lEfBf“fhfE,l”z—

ñ□‡□~□A^É’u,ÆfTfCfY□A’²□@ftf%ofO,đ□Ý’è,μ,Ü,·□B  
MESSAGEBOX, MSGBOX  
MESSAGEBEEP, MSGBEEP

f□fbfZ□[fWf{fbfNfX,ì·\Ž|,đ□s,È,ç,Ü,·□B  
 ftfEf“fh,đ□Ä□¶,μ,Ü,·□B

NONSTOPMESSAGE, NONSTOPMSG fofbf` ,l□^—□,đ±, ,½,Ü,Üf□fbfZ□[fW,đ•\  
 Ž|,μ,Ü,·□B

DISPLAYTXT fefLfxfgftf@fCf<(TXT),đ•\Ž!|Āā□A%ž“š,đ’Ò,¿,Û,·□B  
DISPLAYBMP frfbfgf}fbfvftf@fCf<(BMP),ì•\Ž!|,đ□s,È,č,Û,·□B  
SNDPLAYSOUND

WAVftf@fCf<,Û,½,ÍWIN.INI,ìentry,ìftfEf“fh,đ□Ä□¶,μ,Û,·□B  
INPUTSTRING •¶Žš—ñ“ü—í,đ□s,È,č,Û,·□B  
SELECTSTRING fŠfxfgf{fbfNfX,©,ç•¶Žš—ñ,ì’đ,đ□s,È,č,Û,·□B  
CHOICEBUTTON

f{f^f“,ì†,©,ç’đ,đ□s,È,Á,Ä’l,ñ,¾f{f^f“,ì’l,đ•Ô,μ,Û,·□B  
GETOPENFILENAME ftf@fCf<-¼,ì’đ(Û,½,í“ü—í),đ□s,È,č,Û,·□B  
DROPTFILEWAIT ftf@fCf<,³fhf□fbfv,³,è,é,ì,đ’Ò,¿,Û,·□B  
CHOOSECOLOR □F,ì’đ,đ□s,È,Á,ÄŠÄ«•ì□”,É’ă“ü,μ,Û,·□B  
EXITWINDOWS Windows,đ□l—¹,μ,Û,·□B  
RESTARTWINDOWS Windows,đ□Ä<N“® ,μ,Û,·□B  
REBOOTSYSTEM Windows,đ□l—¹,μVfXfef€(f}fvf“),đ□Ä<N“® ,μ,Û,·□B  
EXITWINDOWSEXEC Windows,đ^ê’U□l—  
¹,μ□ADOS,ìŽÄ□sftf@fCf<,đŽÄ□s,μ,Û,·□B  
GETINISTRING INìftf@fCf<,ì•¶Žš—ñ,đŽæ“¾,μ,Û,·□B  
WRITEINISTRING, SETINISTRING INìftf@fCf<,É•¶Žš—ñ,đ□Ý’è,μ,Û,·□B  
GETREGSTRING fĀfWfXfgfŠff□[f^,đŽæ“¾,μ,Û,·□B  
SETREGSTRING fĀfWfXfgfŠff□[f^,đ□Ý’è,μ,Û,·□B  
SYSTEMPARAMETERSINFO, SYSPARAMINFO fVfXfef€fĀfxf<,ìpf  
%of□□[f^,ìŽæ“¾,Û,½,í□Ý’è,đ□s,È,č,Û,·□B  
GETCLIPBOARD fNfŠfbfvf{□[fh,©,ç•¶Žš—ñ,đŽó,žæ,è,Û,·□B  
SETCLIPBOARD fNfŠfbfvf{□[fh,É•¶Žš—ñ,đ□Ý’è(‘—□o),μ,Û,·□B  
POSTMESSAGE fAfvfŠfP□[fvf#f“,Éf□fbfZ□[fW,đ’—,Á,Ä,·,® ,É—  
ß,è,Û,·□B  
SENDMESSAGE fAfvfŠfP□[fvf#f“,Éf□fbfZ□[fW,đ’—,Á,Ä  
%ž“š,đ’Ò,¿,Û,·□B  
SENDMENUKEY fAfvfŠfP□[fvf#f“,ìf□jf...□[,đ’đ,μ,Û,·□B  
SENDKEY fL□[fR□[fh,đ’¼□U’—,è,Û,·□B  
DDEEXECUTE DDEfT□[fo□[,ÉfRf}f“fh,đŽÄ□s,³,¹,Û,·□B



**@[fRf}f“fh]**

ECHO ON ,ì□ó'Ô,Å,àfRf}f“fh□s,ì•\Ž!,ð□s,È,ç,Ü,<sup>1</sup>,ñ□B

**-ß,è'I**

, ,è,Ü,<sup>1</sup>,ñ□B

**—á**

@ECHO OFF

@START CALC.EXE

**ŽQ□I**

ECHO



**%""I, %ŠÂ«•İ""%, %%**

f ofbf`ftf@fCf<-¼,ìŽQÆ,âfpf%of[]f^[]l,ìŽw'è,ìŽQÆAŠÂ«•İ",ì"à—  
e,ìŽQÆA%Ž©[]g,ìŽw'è,đ[]s,È,ç,Ü,·[]B

**%0**

f ofbf`ftf@fCf<-¼,đŽQÆ,μ,Ü,·[]B

**-ß,è'I**

, ,è,Ü,¹,ñ[]B

**—á**

ECHO %0,ìŽÀ[]s,đŠJŽn,μ,Ü,·

**%1[]`%9**

,»,è,¼,èf ofbf`ftf@fCf<,Ö,ìfpf%of[]f^[][(%1,¹1"Ô-Ú),đŽQÆ,μ,Ü,·[]B

**-ß,è'I**

, ,è,Ü,¹,ñ[]B

**—á**

MD %1

**%NAME%**

ŠÂ«•İ",ì"à—e,ìŽQÆ,đ[]s,È,ç,Ü,·[]B

%WINDIR% ,Å Windows ,ìffBfçfNfgfŠ,ìŽQÆ,à[]s,È,ì,Ü,·[]B

,Ü,½ %ERRORLEVEL% ,Å ERRORLEVEL ,đ•¶Žš—ñ,Æ,μ,ÄŽQÆ,·,é,±

,Æ,à,Å,«,Ü,·[]B

**-ß,è'I**

, ,è,Ü,¹,ñ[]B

**—á**

ECHO TEMP,ì[]Ý'è,í%TEMP%,É,È,Á,Ä,ç,Ü,·

**ŽQ[]I**

SET

IF

ERRORLEVEL(ì[]Ý'è,ŽQÆ)

**%%**

%Ž©□g,đ•λ,μ,Û,·□B

**-ß,è'I**

, ,è,Û,<sup>1</sup>,ñ□B

**—á**

ECHO 100%%

## REM [•¶Žš—ñ]

,» ,ì□s,ªfRf□f“fg,Æ,μ,Ä^μ,í,êŽÀ□s,ª□s,È,í,ê,Ü,¹,ñ□B'A,μfŠf\_fCfÆfNfg,Í—  
LÆø,É,È,è,Ü,·□B

**-ß,è'l**

, ,è,Ü,¹,ñ□B

**—á**

REM Version 1.0

## ECHO • ¶Žš—ñ, ON/OFF

• ¶Žš—ñ □ o—í □ AŽÀ □ sŽž, ì fofbf` , ì Ą » □ Ý □ s, ì fGfR □ [ , ì —L, è □ A—<sup>3</sup>, μ, đŽw'è, μ, Ü, · □ B

## ECHO [/N] • ¶Žš—ñ

• ¶Žš—ñ, đ □ o—í, μ, Ü, · □ B/N, đ • ¶Žš—ñ, ì 'O, ÉŽw'è, ·, é, Ą • ¶Žš—ñ □ o—í Ą ě, ì %oü □ s, đ □ s, È, Ą, Ü, <sup>1</sup>, ñ □ B

-ß, è' l

, , è, Ü, <sup>1</sup>, ñ □ B

—á

ECHO ŽÀ □ s, đŠJŽn, μ, Ü, ·

ŽQ □ l

PRINTF

## ECHO ON

, ±, ê ^ È □ ~, ì ŽÀ □ s't, ì □ s, ì fGfR □ [ (•\Ž!), đ □ s, È, Ą, Ü, · □ B  
□ %oŠú □ ó'Ô, Ą, ì ECHO ON , ì □ ó'Ô, È, È, Ą, Ą, Ą, Ą, Ü, · □ B

-ß, è' l

, , è, Ü, <sup>1</sup>, ñ □ B

—á

ECHO ON

## ECHO OFF

, ±, ê ^ È □ ~, ì ŽÀ □ s't, ì □ s, ì fGfR □ [ (•\Ž!), đ □ s, È, Ą, Ü, <sup>1</sup>, ñ □ B

-ß, è' l

, , è, Ü, <sup>1</sup>, ñ □ B

—á

ECHO OFF

## PAUSE [fRf"fg•Źš—ñ]

f"bfZ[fW,đ•\Ž!,μA%½,©fL[,ª%Ÿ,³,ê,é,©f}fEfX,ì"ff{f^f",ª  
%Ÿ,³,ê,é,Ü,Å'Ò,¿,Ü,·B

[ESC],đ%Ÿ,·,Æ't'f,μ,Ü,·(CTRL-C,Å,Í, ,è,Ü,¹,ñ)B

,È,"A"EXECUTEWIND OFF" ó'Ô,Å,íf"bfZ[fW,ì•\Ž!,às,È,ç,Ü,¹,ñ,μAfL["ü—  
Í,à'Ò,¿,Ü,¹,ñB,»,"ê±,Í MESSAGEBOX ,đŽg—p,μ,Å,¾,³,çB

fRf"fg•Źš—ñ,ífRf"fg,đ"ü,ê,é,Æ,«,ÉŽg—p,μ,Ü,·,ªA"ECHO OFF" ,ìó'Ô,Å,Í•\  
Ž!,³,ê,Ü,¹,ñ,μA, ,Ü,è^Ó-¡,ª, ,è,Ü,¹,ñB

-ß,è'I

, ,è,Ü,¹,ñB

—á

PAUSE

ŽQ

GETKEYSTATE

CHOICE

MESSAGEBOX, MSGBOX

## SET ŠÂ««•İ□”-¼=[‘ã“ü•ŕŽš—ñ]

ŠÂ««•İ□”,Ö,Ì’ã“ü,Æí□œ,ð□s,È,ç,Û,·□B

□Ý’è,ð□s,È,Á,½ŠÂ««•İ□”,Ížqfvf□fZfX,É,Í“n,<sup>3</sup>,ê,Û,<sup>1</sup>,ñ,μ□APATH  
 ,İ□Ý’è,ð□s,È,Á,Ä,àŽÀ□Û,İfT□[f`fpfX,É,Í”½%of,<sup>3</sup>,ê,Û,<sup>1</sup>,ñ,Ì,Å,<sup>2</sup>□^Óšè,ç,Û,·□B, , -  
 ,Û,Åfofbf`“à,Å,İ•İ□”,İ—~—p,ÆCE¾,æCE` ,ÅŽg—p,μ,Ä, -  
 ,¾,<sup>3</sup>,ç□B(CALL•ŕ<y,Ñfofbf`ftf@fCf<-  
 ¼,ðŽw’è,μ,ÄWinBatchEh“à,Åfofbf` ,ð<N“ ®,μ,½□ê□‡,ÍŽŸ,İfofbf` ,É•İ□X“à—  
 e,<sup>a</sup>Žó,~CEp,<sup>a</sup>,ê,Û,·)□B

’□^Ó

ŠÂ««•İ□”,Æ=,İŠÔ,Ì<ó””,Í^Ó-İ,ðŽ□,ç,Û,·□B  
 "SET NAME=1" ,Æ "SET NAME = 1" ,Å,ÍCE<%oÊ,<sup>a</sup>^Û,È,è,Û,·(,» ,ê,¼,ê "NAME=1",  
 "NAME = 1" ,Æ,ç,æCE` ,Å,İ•Û’ŕ,É,È,è,Û,·)□B

## SET NAME=VAL

ŠÂ««•İ□”,Ö,Ì’ã“ü,ð□s,È,ç,Û,·□B

-ß,è’l

, ,è,Û,<sup>1</sup>,ñ□B

—á

SET FILENAME=A:\FILENAME.TMP

## SET NAME=

ŠÂ««•İ□”,ð□í□œ,μ,Û,·□B

-ß,è’l

, ,è,Û,<sup>1</sup>,ñ□B

—á

SET FILENAME=

ŽQ□l

%ŠÂ««•İ□”%

LET

SPRINTF

## IF (fofbf`fRf}f“fhĀÉÝŠ·)

□đĀ□,ì”»’è,đ□s,È,Á,Ä’±,•¶,đŽÀ□s,μ,Ü,·□BDOS ,lfofbf`fRf}f“fhĀÉÝŠ·,ì IF ,Á,·□BWinBatchEh,Á,í□\’ç%»IF,àŽg—p,Á,«,Ü,·□B

## IF ,lfRf}f“fh^ê——

|                                       |  |
|---------------------------------------|--|
| <u>IF ERRORLEVEL</u>                  | ERRORLEVEL ,ì’l,đĀÉÝ□,μ,Ü,·□B              |
| <u>IF EXIST</u>                       | ftf@fCf<,ì’¶□Ý,đĀÉÝ□,μ,Ü,·□B               |
| <u>IF EXISTWINDOW</u>                 | fEfBf“fhfEf^fCf>f<,ì’¶□Ý,đĀÉÝ□,μ,Ü,·□B     |
| <u>IF •¶Žš—ñ==•¶Žš—ñ</u>              | •¶Žš—ñ,đ”äŠr,μ,Ü,·□B                       |
| <u>IF WINBATCH==YES</u>               | WinBatchEh’t,ÁŽÀ□s’t,©,Ç,α,©,đ”»’f,μ,Ü,·□B |
| <u>IF CMP(Ü,½,ÍICMP)</u>              | ’±,•¶Žš—ñ,ì”äŠr,đ                          |
| <u>%op’â□→•¶Žš,ìæ•Ê,È,μ,É,μ,Ü,·□B</u> |  |
| <u>IF NOT</u>                         | ’±,□đĀ□•¶,ì”»’è,đ<t,É,μ,Ü,·□B              |

## IF ERRORLEVEL □”’I □`

ERRORLEVEL ,â□”’l^È□ã,È,ç’±,•¶,đŽÀ□s,μ,Ü,·□B  
,’A,μ’Êí,ì Windows ,lfAfvfŠfP□[fvf#f“ ,í ERRORLEVEL ,đ•Ô,μ,Ü,¹,ñ,ì,Á□A’Êí,ì  
Windows f\ftfg,đŽÀ□s,μ,½Ā,ì ERRORLEVEL  
,đ’²,x,Ä,à□³í,É<N“® ,Á,«,½,©,Ç,α,©,ì”»’f,μ,©□s,È,ì,Ü,¹,ñ□B  
,Ü,½ DOSfAfvfŠ,ì□|—¹Ā,ì ERRORLEVEL,à□ACOMMAND.COMĀo—  
R,ì<N“® ,Æ,É,éŽ-,à, ,Á,Ä□A”»’f,·,éŽ-,â,Á,«,Ü,¹,ñ□B  
WinBatchEh ,Á,í "IF %ERRORLEVEL%=1" ,ì,æ,α  
,É,μ,Ä□AERRORLEVEL,Æ“™ ,μ,ç□ê□#□A,Æ,ç,α”»’f,à%oÂ“\,Á,·□B

## -ß,è’l

, ,è,Ü,¹,ñ□B

## —á

IF ERRORLEVEL 1 PAUSE

## ŽQ□l

ERRORLEVEL(□Ý’è,ŽQ□Æ)

## IF EXIST ftf@fCf<-¼ □`

ftf@fCf<,â’¶□Ý,·,ê,í’±,•¶,đŽÀ□s,μ,Ü,·□B

ftf@fCf<-¼,ì□ĀĀ,É \ ,đŽw’è,·,é,Æ□AfffBfĀfNfgfŠ,ì’¶□Ý,ìŠm”F,É,È,è,Ü,·□B\  
DIRNAME\NUL ,Æ,ç,α— <Z”l,É•û-@,Á,ìŠm”F,Á,«,È,ç□AUNC•ûŽ®(\\SERVER\  
SHARE\DIRNAME\),ì<L□q,Á,àffBfĀfNfgfŠ,ì’¶□Ý,đŠm”F,Á,«,Ü,·□B

## -ß,è’l

, ,è,Ü,¹,ñ□B

—á

IF EXIST DUMMY.\$\$\$ GOTO END

IF NOT EXIST \\SERVER\DATA\FOLDER\ MD \\SERVER\DATA\FOLDER

**IF EXISTWINDOW "fEfBf"fhfEf^fCfjf<"** □`

**IF EXISTWINDOWR "fEfBf"fhfEf^fCfjf<"** □`

WinBatchEh,Á'Ç%oÁ,<sup>3</sup>,ê,<sup>1/2</sup>"»'è,Á,□BŽw'è,<sup>3</sup>,ê,<sup>1/2</sup>fEfBf"fhfEf^fCfjf<,á'¶□Ý,; ,ê,Í'±

,•¶,đŽÀ□s,μ,Ü,□BfEfBf"fhfEf^fCfjf<,Í  
%op'â□→•¶Žš,â<ó"" ,í□",à□<sup>3</sup>Šm,É"äŠr,; ,é•K—v,<sup>a</sup>, ,è,Ü,□B(CMPI,ÍŽg—  
p,Á,« ,Ü,<sup>1</sup>,ñ)□B

**EXISTWINDOW**,ÍŽw'è,<sup>3</sup>,ê,<sup>1/2</sup>fEfBf"fhfEf^fCfjf<,đ'•ô•û^ê'v,Ü,<sup>1/2</sup>,ÍĈĚã•û^ê'v,Á  
ĈĚÿ□ō,μ,Ä'¶□Ý,; ,ê,Í'±,•¶,đŽÀ□s,μ,Ü,□Bf^fCfjf<,Í

%op'â□→•¶Žš,Æ"<sup>1/4</sup>Šp'SŠpfjf^fjfi,Í"^-êŽ<,<sup>3</sup>,ê,Ü,(f^fCfjf<ĈĚÿ□ō,ÍŽd—l)□B

**EXISTWINDOWR**,ÍŽw'è,<sup>3</sup>,ê,<sup>1/2</sup>fEfBf"fhfEf^fCfjf<,đ□<sup>3</sup>Šm,É,; ,x,Á,Í•¶Žš—

ñ,ÁĈĚÿ□ō,μ,Ä'¶□Ý,; ,ê,Í'±,•¶,đŽÀ□s,μ,Ü,□B

%op'â□→•¶Žš,â"<sup>1/4</sup>Šp'SŠpfjf^fjfi,à<æ•É,<sup>3</sup>,ê,Ü,□B—á,Í,ÍfEfBf"fhfEf^fCfjf<,ÉŠJ,č  
,Ä,č,éftf@fCf<-<sup>1/4</sup>,<sup>a</sup>ŠÜ,Ü,ê,é□ê□†,» ,ê,à<L□q,; ,é•K—v,<sup>a</sup>, ,è,Ü,□B

,à,μ□AfEfBf"fhfEf^fCfjf<,Á,Í,È,□AfNf%oofX-<sup>1/4</sup>,<sup>a</sup>,Í,©,Á,Ä,č,é□ê□†"@fNf%oofX-<sup>1/4</sup>"

,Æ,; ,ê,ÍfNf%oofX-<sup>1/4</sup>,É'Í,; ,é□^—□,<sup>a</sup>□s,É,Í,Ü,□BfNf%oofX-<sup>1/4</sup>,đŽw'è,; ,é□ê□†,à

%op'â□→•¶Žš,à"äŠr,<sup>3</sup>,ê,Ü,; ,μ□A,±,í□ê□†'O•û^ê'v,Æ,Í,È,è,Ü,<sup>1</sup>,ñ□B

**fnf"fhf<"**Ô□†,<sup>a</sup>•<sup>a</sup>,©,Á,Ä,č,é□ê□†□A"\$fnf"fhf<"Ô□†"

,Æ,; ,ê,ÍŽw'è,Ífnf"fhf<"Ô□†,đŽ□,ÁfEfBf"fhfE,É'Í,; ,é□^—

□,<sup>a</sup>□s,É,Í,Ü,□Bfnf"fhf<"Ô□†,Í16□i□",ÁŽw'è,μ,Ü,□B

**-ß,è'l**

, ,è,Ü,<sup>1</sup>,ñ□B

—á

IF EXISTWINDOW "fyfCf"fg" GOTO BRUSH

IF EXISTWINDOW "- (-<sup>3</sup>'è)" GOTO BRUSH

IF EXISTWINDOWR "fyfCf"fgfuf%ofV - (-<sup>3</sup>'è)" GOTO BRUSH

**ŽQ□l**

FINDWND

**IF •¶Žš—ñ==•¶Žš—ñ** □`

•¶Žš—ñ,<sup>a</sup>"™,μ,¯ ,ê,Í'±,•¶,đŽÀ□s,μ,Ü,□B

"==" ,í'ŎĈĚã,Í<ó"" ,Í^Ŏ—i,đŽ□,ž,Ü,; ,Í,Á"Á,É^Ŏ—i,<sup>a</sup>,È,¯ ,ê,Í<ó"" ,đ<ó,¯ ,; ,É<L□q,μ,Ä,-  
,<sup>3/4</sup>,<sup>3</sup>,č□B

**-ß,è'l**



, , è, Ü, 1, ñ □ B

— á

IF "%TEMP%"=="A:\ " SET TEMP=G:\

**IF WINBATCH==YES** □`

**IF WINBAT32==YES** □` (32frfbfgfo□[fWf#f“ ,ì,Ý)

WinBatchEh, Å’Ç%oÁ, ³, ê, ½” äŠr•¶, Å, ·□BWinBatchEh, ÅŽÀ□s’t, È, ç’±, -

•¶, ðŽÀ□s, μ, Ü, ·□BDOS□ã, Å, Í” »’è, a<U, É, È, è, Ü, ·, ì, Å’±, -

•¶, aŽÀ□s, ³, ê, Ü, 1, ñ □B“~ , ¶f ofbf` , ðDOS□ã, ÆWinBatchEh□ã, ÅŽg, ç•a, -, é, Æ, «, ÉŽg

—p, μ, Å, , ¾, ¾, ç □B

"WINBATCH" , Í16/32frfbfg, ì—¼•û, Å” »’è, a□^, É, È, è, Ü, ·□B"WINBAT32"

, Í32frfbfgfo□[fWf#f“ , ì, Ý, Å” »’è, a□^, É, È, è, Ü, ·□B

-ß, è’l

, , è, Ü, 1, ñ □ B

— á

IF WINBATCH==YES ECHO WinBatchEh, ÅŽÀ□s’t, Å, ·

IF WINBAT32==YES ECHO WinBatchEh 32frfbfgfo□[fWf#f“ , ÅŽÀ□s’t, Å, ·

**IF CMPI** □`

**IF ICMP** □`

WinBatchEh, Å’Ç%oÁ, ³, ê, ½fRf}f“fh, Å, ·□B’±, •¶Žš—ñ, ì” äŠr, ð’á □~ , ì

%o p•¶Žš(A, Æa, É, Ç), ð<æ•É, 1, , , É□s, È, ç, Ü, ·□B

-ß, è’l

, , è, Ü, 1, ñ □ B

— á

IF CMPI "%TEMP%"=="C:\ " SET TEMP=G:\

IF NOT CMPI "%TEMP%"=="G:\ " SET TEMP=G:\

**IF NOT** □`

□ã<L, ì” »’è, ð<t, É, μ, Ü, ·□B□ðÇ□” »’è, a□³, μ, , È, ç, Æ, «, É’±, •¶, aŽÀ□s, ³, ê, Ü, ·□B

-ß, è’l

, , è, Ü, 1, ñ □ B

— á

IF NOT "%TEMP%"=="G:\ " SET TEMP=G:\

**ŽQI**  
IF(□\`¢%oo»)

## GOTO LABEL

LABEL, Ìs, ÉfWffff“fv, µ, Ü, ·Bf%ofxf< s, Íæ“<sup>a</sup>, Ég: h(fRf“f“)  
, ð•t, , Äg: LABEL h, l, æ, x  
, É<Lq, µ, Ü, ·B, È, “A’â, «, Èfofbf`ftf@fCf<, Ìl, í, è, Ì•ù, Ìs, É, í, ½, Ç, è’ ..., Ì, ÉžžŠÔ, <sup>a</sup>•K  
—v, É, È, è, Ü, ·B

f%ofxf<-  
¼, ÍWinBatchEh, Å, Í500•ŕŽš^Ê, Ü, Åžg, j, Ü, , <sup>a</sup>ADOS, Ìfofbf`ftf@fCf<, Å, ÍÅ’â8•ŕŽš  
, Ü, Å, Ì”Fžž, Æ, È, Á, Ä, ç, Ü, , µA, » , ê^Ê, Åžg, Á, ½•ù, <sup>a</sup>“®l, à’x, , È, ç, È, , Ä—Ç, ç  
, ©, Æžžv, ç, Ü, ·Bf%ofxf<-¼, Í’â•ŕŽšl—•ŕŽš, <sup>a</sup>æ•Ê, <sup>3</sup>, ê, Ü, <sup>1</sup>, ñB

f%ofxf<, ðREM, Ì’ã, í, è, ÉfRf“f“fg s, Æ, µ, Äžg—p, , é, Ì, ÍWinBatchEh, Å, à—  
LCEø, Éžžè’i, Å, ·BREM, Æ^á, çfšf`fCfÆfNfg^—  
l, <sup>a</sup>s, É, í, ê, Ü, <sup>1</sup>, ñ, µAREM, æ, èfRf“f“fg s, Æ, µ, Ä, Ì^—l, <sup>a</sup>žžš±’—, , È, è, Ü, ·B

" : \_DEFAULT\_ ", Æ, ç, x f%ofxf<, <sup>a</sup>žžš s’t, Ìfofbf`ftf@fCf<, É’ŕŕÝ, , éêê, ÍAGOTO, Å, Ìf  
%ofxf<, <sup>a</sup>CE ©, Å, ©, ç, È, ç êê, ÉfGf%o[l, É, È, ç, , ÉA, ±, Ìf  
%ofxf<, Ìs, ÉfWffff“fv, ðs, È, ç, Ü, ·B

**-ß, è’l**  
, , è, Ü, <sup>1</sup>, ñB

**—á**  
GOTO END  
:  
:END

**žžš**  
GOSUB

## FOR •İ□" IN (...) DO ŽÀ□sfRf}f"fh(fofbf`fRf}f"fhĈÉÝŠ·)

ĈÉ,è•Ô,μŽÀ□s,đ□s,É,ç,Ü,·□BDOS ,ìfofbf`fRf}f"fhĈÉÝŠ·,ì FOR ,Å,·□B

•İ□",É,Í %%A ,â %%Z ,Æ,ç,Á,½•¶Žš—ñ,đŽg—p,μ□A,±  
,ê,ç,ì•İ□",đŽÀ□sfRf}f"fh"à,ÅŽw'è,·,é,±,Æ,É,æ,è□A(...),ì"à—  
e,Æ'u,«Š·,ì,ç,ê,ÅŽÀ□s,ª□s,È,í,ê,Ü,·□B

(...),É,Í•¶Žš—ñ<y,Ñf□fCf<fhfj□[fh(\*,?),đŽg—p,μ,½ftf@fCf<-  
¼□A□fCf<fhfj□[fh,ì□ÅĈã,É\,đŽw'è,μ,ÄfffBfĈÉfNfgfŠ-  
¼□A□æ"ª,É@f}□[fN,đŽw'è,μ,Äftf@fCf<"à,ì□s,ì"Ç,Ý□ž,Ý,ªŽg—  
p,Å,«,Ü,·□B•İ□",ìfpf%of□□[f^□[,đŽw'è,·,é,Æ,«,É,ìfXfy□[fX,©fj"fh}(.)  
,Å<æ□Ø,è,Ü,·□B

1. •¶Žš—ñ,ìŽw'è  
—á: FOR %%A IN (ABC DEF GHI) DO ...  
(%%A ,É,Í ABC, DEF, GHI ,ª□#,ÉŠi"[,³,ê,é)
2. f□fCf<fhfj□[fh,ìŽw'è('Ê□íftf@fCf<)  
—á: FOR %%A IN (\*.TXT \*.DOC) DO ...  
(%%A ,É,Í Šg'£Žq,ª TXT, DOC ,ì'Ê□íftf@fCf<,ªĈÉÝ□ð,³,ê,ÄŠi"[,³,ê,é)
3. f□fCf<fhfj□[fh,ìŽw'è(fffBfĈÉfNfgfŠ)  
—á: FOR %%A IN (C:\WINDOWS\\*.\*) DO ...  
(%%A ,É,Í C:\WINDOWS "à,ìfffBfĈÉfNfgfŠ,ªĈÉÝ□ð,³,ê,ÄŠi"[,³,ê,é)
4. ftf@fCf<"à,ì□s,đ□#,É"Ç,Ý□ž,Ý  
—á: FOR %%A IN (@FILENAME.LST) DO ...  
(%%A ,É,Í FILENAME.LST ftf@fCf<"à,ì□s,ª□#,É"Ç,Ý□ž,Ü,ê,ÄŠi"[,³,ê,é)

3<y,Ñ4,Í□AWinBatchEh,ÅŠg'£,³,ê,½Žw'è•û-@,Å,·□B1□`4,ìŽw'è,ìŠ±ĈÉÈ"à,ÅŽ©  
—R,É'g,Ý□#,í,¹,ÄŽg—p,·,é,±,Æ,ª,Å,«,Ü,·□B

FOR•¶"à,ÅFOR•¶,đŽg—p,·,é("ü,êŽq,É,·,é),±,Æ,Í,Å,«,Ü,¹,ñ□B

-ß,è'l  
, ,è,Ü,¹,ñ□B

—á  
FOR %%A IN (1 2 3 4 5) DO COPY FILENAME.%%A B:  
FOR %%A IN (BatchList \*.BAT) DO ECHO %%A  
FOR %%A IN (C:\USR\\*.\*) D:\LIB\\*. DO RMDIR %%A  
FOR %%A IN (@C:\TMP\FILELIST.TXT) DO MORE %%A

ŽQ□l

FOR(□\t%o»)

## SHIFT

f of bf ` , l f p f % o f [ f ^ [ , ð [ ¶ , É f V f t f g , µ , Ü , · [ B , Â , Ü , è % 0 , É % 1 , ì “ à — e , ª [ A % 1 , É , í % 2 , ì “ à — e , Æ , ç , x , æ , x , É [ A [ † , É [ ¬ , º , È “ Ô [ † , É ^ Ú “ ® , µ , Ü , · [ B % 0 , ì “ à — e , í [ í [ œ , º , ê , Ü , · [ B

**-ß, è' l**

, , è, Ü, º, ñ [ B

**—á**

SHIFT

**žQ [ l**

% [ ” ” l

## EXIT

fofbf`ftf@fCf<,©,ç"²,¯,Ü,·□B

-ß,è'I

,,è,Ü,¹,ñ□B

—á

EXIT







**CALL fojbf`ftf@fCf<-¼ [fojbf` ,Ö,ìjpf%of[] [f^[]]**

fojbf`ftf@fCf<,ðŒÄ,Ñ[]o,µ,Ü,·[]B•K,Šg'£Žq,àŽw'è,µ,Ä,,¾,¾,ç[]B  
fojbf`ftf@fCf<,ÍPATH"à,ìŒŸ[]ö,ì[]s,È,í,ê,Ü,<sup>1</sup>,ñ[]BjJfŒf"fgfffBfŒfNfgfŠ^ÈŠO,ìfojbf`  
ftf@fCf<,ðŒÄ,Ñ[]o,·[]ê[]‡,ìftf<fpfX,ÅŽw'è,µ,Ä,,¾,¾,ç[]B

ŒÄ,Ñ[]o,µ,½fojbf` ,ª[]I—<sup>1</sup>,·,é,Æ[]AŒ<sup>3</sup>,ìfojbf` ,ìŽŸ,ì[]s,É[]ŒŒä,<sup>a</sup>-ß,è,Ü,·[]B

**-ß,è'I**

ŒÄ,Ñ[]o,µ,½fojbf` ,Å[]ÅŒä,É[]Ÿ'è,<sup>3</sup>,ê,½ERRORLEVEL,ì'I

**—á**

CALL SUB.BTW  
CALL SUB.BTW 1 2 3 4 5

**ŽQ[]I**

ftf@fCf<,ðŽÀ[]s (fojbf`ftf@fCf<,ì[]ØŠ·)

## CLS

f of b f ` ž à □ s f E f B f “ f h f E , ì “ à — e , đ □ Á < ž , μ , Ü , · □ B

**-ß, è ' l**

, , è , Ü , <sup>1</sup> , ñ □ B

**—á**

CLS

**DIR [Äb×²ìp:][Êß½][Ì§²Ü-¼] [/P] [/W] [/B] [/L] [/S] [/An]**

fffBfÇfNfgfŠ,ì“à—e,ð•\Žì,μ,Ü,·□B

^È%º,ìfìfvfVf#f“ ,âŽw’è,Â,«,Ü,·(fìfvfVf#f“ <y,Ñftf@fCf<-  
¼,ÆfìfvfVf#f“ ,ìŠÔ,ìfXfy□[fX,ð<ó,¯,Ä,,¾,¾,ç)□B

[Äb×²ìp:] [Êß½] [Ì§²Ü-¼] ^ê—•\Žì,³,¹,éfhf  
%fCfu□EfffBfÇfNfgfŠ□Eftf@fCf<,ðŽw’è,μ,Ü,·□B  
/P ^ê%æ-Ê,²,Æ,É’âŽ~,μ,Ä•\Žì,μ,Ü,·□B  
/W f□fCfh^ê—Ç`Ž®,Ä•\Žì,μ,Ü,·□B  
/B fffBfÇfNfgfŠ-¼,Æftf@fCf<-¼,¾,¯,ð•\Žì,μ,Ü,·□B  
/L □-•¶Žš,Ä•\Žì,μ,Ü,·□B  
/S fTfuffBfÇfNfgfŠ“à,à•\Žì,μ,Ü,·□B  
/An Žw’è,μ,½’®□«,Ìftf@fCf<,ð•\Žì,μ,Ü,·□B

n= D:fffBfÇfNfgfŠ R:“Ç,Ý,Æ,è□ê-  
p H:%B,μftf@fCf< S:fVfXfef€ftf@fCf< A:fA□[fJfCfu  
-:,»,ì’®□«^ÈŠ0

,±,ê^ÈŠ0,ìfìfvfVf#f“( /O, /C),âfXfCfbf` ,ì’Á,¿□Á,μ□AŠÂ«•ï□“DIRCMD,ìftf|  
□[fg,¾,ê,Ä,ç,Ü,¹,ñ,ì,Ä,²’□Ó,,¾,¾,ç)□B

**/An**,ídOS,ìDIRfRf}f“fh,Æ,íŽáŠ±Žd—l,â^Ü,È,é•”•ª,ª, ,è,Ü,·□BWinBatchEh  
Ver.1.24^È□~ ,Ä,ì,Ü,Æ,ñ,Ç““™ ,É,È,è,Ü,μ,½,ª□A,±  
,ì,½,ß<t,É^È’O,ìfo□[fWf#f“ ,Æ,íŽáŠ±“®□ì,â^Ü,È,è,Ü,·□B

**/B,Æ/S**,ð—¼•ûŽw’è,·,é,Æ□A,·,x,Ä,ìftf@fCf<,ðftf<fpfX,Ä•\Žì,μ,Ü,·□B,½,Æ,ì,î  
"DIR /B /S /A-D>FILELIST"  
,Æ,·,ê,î□A,·,x,Ä,ìfm□[f}f<ftf@fCf<,ì,Ý,ðftf<fpfX,Äftf@fCf<,É□o—í,·,é,±  
,Æ,ª,Ä,«,Ü,·□B

**-ß,è’l**  
, ,è,Ü,¹,ñ□B

**—á**  
DIR  
DIR A:  
DIR A:\BIN  
DIR A:\BIN\\*.COM

**A: ,È,Çfhf%oofCfu-¼,ì,Ý**

fjſŒf“fgfhf%oofCfu,đ•İX,μ,Û,·B

**-ß,è'I**

0 ` 255 fAfNfZfX%oôÂ“\,Èfhf%oofCfu”

**—á**

A:

**ŽQI**

CHDIR, CD



**MKDIR fffBfĀfNfgfŠ-¼**  
**MD fffBfĀfNfgfŠ-¼**

fffBfĀfNfgfŠ, ì ñ ò ÷, ð ñ s, È, ç, Ü, · Ñ B

**-ß, è' l**

0            ð³ ð í ð | —¹  
1            ð ñ ò ÷ ÷ f G f % ò ð [   
255          f p f % ò f ð ð [ f ^ ð [ , ð • s ' «

**—á**

MKDIR TEST  
MD C:

**ŽQ ð l**

RMDIR, RD  
CHDIR, CD

**RMDIR fffBfCEfNfgfŠ-¼**  
**RD fffBfCEfNfgfŠ-¼**

fffBfCEfNfgfŠ, ìíœ, ðs, È, ç  
, Û, ·BfffBfCEfNfgfŠ“à, Éftf@fCf<, ¢‘¶Ý, ·, é, Æ, «, ííœ, ís, È, ì, Û, ¹, ñB

**-ß, è' l**

0            ¶³í¶—¹  
1            ¶íœfGf%o¶[  
255          fpf%of¶[f^¶[, ¢·s'«

**—á**

RMDIR TEST  
RD C:

**ŽQ¶l**

MKDIR, MD  
CHDIR, CD



## CDD fhf%oofCfu:fffBfĀfNfgfŠ

fhf%oofCfu,ì^Ú“ ®,ÆfjffĀf“fgfffBfĀfNfgfŠ,ì•ĩX,đs,È,ç,Û,·B

**-ß,è'l**

0      □<sup>3</sup>□í□|—<sup>1</sup>  
1      fGf%o□[

**—á**

CDD C:\WINUTY

**ŽQ□l**

DRIVE:

CHDIR, CD

PUSHD/POPD

## **PUSHD [fhf%oCfu:][fffBfCefNfgfŠ] POPD**

fhf%oCfu,ì^Ú“® ,ÆfjCef“fgfffBfCefNfgfŠ,ì•ïX/•œ<A,ðs,È,ç,Û,·B

PUSHD,ífhf%oCfu□AfffBfCefNfgfŠ,ì^Ú“® ,ðs,È,ç,Û,·B

POPD,ífjCef“fgfhf

%oCfu□AfffBfCefNfgfŠ,ðA'¼'O,ÉPUSHD,ðŽÀs,μ,½ŽŽ,ífjCef“fgfhf

%oCfu□AfffBfCefNfgfŠ,É^Ú“® ,μ,Û,·B

PUSHD/POPD,ìî•ñ,ì•Û'¶,íŠÂ<<•ï□”( \_DIR\_STACK ),És,È,í,ê,Û,·B

PUSHD,¾, -, ð~A'±,μ,ÄŽÀs,·,é,±,Æ,à%oÄ"\,Å,·,ªASÂ<<•ï□”,ìÅ'â,ì'·,³(-

ñ500•¶Žš),ð%oz,!,é,±,Æ,í,Å,«,Û,¹,ñ(fGf%o□[É,È,è,Û,·)B

**-ß,è'l**

0 □³í□l—¹

1 fGf%o□[

**—á**

PUSHD A:

PUSHD C:\WINUTY

POPD

**ŽQ□l**

DRIVE:

CHDIR, CD

CDD

**COPY [/F] [/U] [/Z] [/TS] [/TD] '—,è'α [Žó, 'α]**

ftf@fCf<,lfRfs[][,ð[]s,È,ç,Ü,·[]B'—,è'α,Å,lfTf@fCf<-¼,Éf[]fCf<fhfj[]fhŽw'è,ðŽg—  
p,Å,«,Ü,·[]B,Ü,½ffBfCfNfgfŠ,âfhf%oofCfu-¼,ì,Y,àŽw'è,Å,«,Ü,·[]B  
,È,·[]A^È%o,ì[]\$CfA,â, ,è,Ü,·[]B

- o Žó, 'α,É,·,Å,É""-¼,lfTf@fCf<,â'[]Y,μ,Ä,à%oŽ"š,È,μ,Å[]ă[]',«,³,è,Ü,·[]B
- o []g+[]h,É,æ,éftf@fCf<,ì~ACE<,í,Å,«,Ü,¹,ñ(TYPEfRf}f"fh,ðŽg—p,μ,Ä,-  
,¾,¾,ç)[]B
- o Žó, 'α,Éf[]fCf<fhfj[]fh,ðŽg—p,·,é,±,Æ,í,Å,«,Ü,¹,ñ[]B
- o ·W[]€fffofCfX,í NUL ^ÈŠO,lfTf[]fg,μ,Ä,ç,Ü,¹,ñ[]B
- o fRfs[][,³,è,½ftf@fCf<,ì'®[]«,lfm[]f}f<("Ç,Y[]',«%oÅ),É,È,è,Ü,·[]B

^È%o,lfifvfVf#f",âŽw'è,Å,«,Ü,·(fifvfVf#f"<y,Ñ·[]Žš—  
ñ,ÆlfifvfVf#f",ìŠO,lfXfy[]fX,ð<ó,·,Ä,¾,¾,ç)[]B

/F fVfXfef€,ÌfGf%[][,ð·\Ž!,μ,Ü,¹,ñ[]B

/U ftf@fCf<,Ìf^fCf€fXf^f"fv,ð"äŠr,μ,ÄfAfbfvff[]fgfRfs[][,ð[]s,È,ç  
,Ü,·[]B

/Z Microsoft  
^³[]kft[]fBfŠfefB,Å^³[]k,³,è,½ftf@fCf<,ð"WŠJ,μ,Ü,·[]B(LZEXPAND)

/TS '—  
,è'αftf@fCf<,ì[]Å[]IfAfNfZfXŽž[][],ð[]X[]V,μ,Ü,¹,ñ[]B

/TD Žó, 'αftf@fCf<,ì[]ì[]-Žž[][],Æ[]Å[]IfAfNfZfXŽž[][],ð'—  
,è'αftf@fCf<,É[]‡,¹,Ü,·[]B

**/F**,ðŽw'è,·,é,Æfhf%oofCfu,Éftf[]fbfs[][,â"ü,Ä,Ä,È,ç[]ê[]‡,â<α—  
L^á"½,â<N,«,½[]ê[]‡,lfVfXfef€,lfGf%o[]f[]fbfZ[]fW,ð—}Ž~,μ,Ü,·("EXECUTEWND  
ERROFF" ,ì[]ó'Ô,Å, ,è,lfGf%o[][,â<N,«,Ä,à'S,Ž~,Ü,ç,È,ç,±,Æ,É,È,è,Ü,·)[]B

**/U**,ðŽw'è,·,é,Æ'—,è'α,ÆŽó, 'α  
,Å"" ,lfTf@fCf<,â'[]Y,·,é[]ê[]‡[]Aftf@fCf<,lf^fCf€fXf^f"fv,ð"äŠr,μ,Ä[]AŽó, 'α  
,â"" ,[],©[]V,μ,·,è,lfRfs[][,ð[]s,È,ç  
,Ü,¹,ñ[]B,½,¾,μ·[]É,ÉfRfs[][,ð[]s,È,Ä,½,Æ,«,Æ"" ,[],æ,α,Éftf@fCf<-¼,ì·\  
Ž!,í[]s,È,í,è,Ü,·(fjfE"fg,lfRfs[][,ð[]s,È,Ä,½ftf@fCf<[]",ð·\Ž!,μ,Ü,·)[]B

**/Z**,ðŽw'è,·,é,ÆMicrosoft  
^³[]kft[]fBfŠfefB,ìCOMPRESS.EXE,Å^³[]k,³,è,½ftf@fCf<,Å, ,è,ì[]AfRfs[][]æ,É,í"  
WSJ,μ,½"à—e,Äftf@fCf<,ð[]ì[]-,μ,Ü,·B^³[]k,³,è,Ä,É,çftf@fCf<,Å,±  
,lfifvfVf#f",ðŽw'è,μ,Ä,à[]A·[]É,lfRfs[][,â[]s,È,í,è,Ü,·[]B

**/TS,Æ/TD**,í32fjfbfgfo[]fWf#f",Äftf@fCf<fvfXfef€,âNTFS,ìžž,ì,Y—LCEø,Å,·[]B  
**/TS**,í'—,è'αftf@fCf<,ì[]Å[]IfAfNfZfXŽž[][],ð·ì[]X,μ,Ü,¹,ñ[]B'È[]ifRfs[][,ð[]s,È,α

,ÆAftf@fCf<,Ö,ìÅlfAfNfZfXŽž,ªXV,³,ê,Ü,·,ªA/  
TS,ð•t,¯,é,ÆE³,ìžž,ì,Ü,Ü,É,È,è,Ü,·B  
/TD,íŽó,¯'æftf@fCf<,ìì-žž,ÆÅlfAfNfZfXŽž,ðA'—  
,è'æftf@fCf<,ìžž,Æ“¯,¶,É,µ,Ü,·B'Éí,ìfRfs[,³,ê,½ì-žž,ÆÅlfAfNfZfXŽž  
,ìA,»),ìžž,ìfVfXfef€,ìžž,É,È,è,Ü,·B,È,“A/TD,Å,í'—  
,è'æftf@fCf<,ìÅlfAfNfZfXŽž,ð•Ù'¶,µ,Ü,¹,ñ,ì,ÅA•K—v,È,ç,î/TS,Æ/TS,ì—  
¼•ù,ðŽw'è,µ,Ä,,¾,¾,çB

WinBatchEh,ìCOPYfRf}f“fh,Å,í '+'  
,É,æ,éftf@fCf<,ì~ACE<,ª,Å,«,Ü,¹,ñBftf@fCf<,ì~ACE<,ðs,È,ç  
,½,çè#ATYPEfRf}f“fh,ìfŠf\_fCfÆfNfgo—í,ðŽg—p,·,ê,î%oÅ“\  
,Å,·,ì,ÅATYPEfRf}f“fh,ðŽg—p,µ,Ä,,¾,¾,çB

**-B,è'I**

- 0           ì³íì—¹
- 1           '—,è'æftf@fCf<,ìfGf%o[
- 2           Žó,¯'æftf@fCf<,ìfGf%o[
- 10          '—,è'æ,ÆŽó,¯'æftf@fCf<,ª“¯,¶ftf@fCf<-¼
- 100       (/ZŽž,ì,Ý)LZEXPAND,Å,ìfGf%o[
- 252       f, fŠ[,ª•s'«
- 255       fpf%of[f^[,ª•s'«

**—á**

COPY A:\FILENAME.TXT B:\  
COPY FILENAME.TXT FILENAME.BAK  
COPY /TS A:\BIN B:\  
COPY /Z A:\SETUP.IN\_ B:\SETUP.INF

**ŽQ**

TIMESTAMP  
DEL, DELETE  
EXECUTEWND, EXECWND(EXECUTEWND OFF)

**REN <Āftf@fCf<-¼ □Vftf@fCf<-¼**  
**RENAME <Āftf@fCf<-¼ □Vftf@fCf<-¼**

ftf@fCf<-¼, ì•ï□X, ð□s, È, ç, Ü, ·□B

DOS, ìRENfRf}f“fh, Æ^ á, ç□AfffĀf“fg^ ÈŠO, ìfhf%oofCfu<y, ÑfffBfĀfNfgfŠ, ìftf@fCf<-¼, ð•ï□X, ·, é□ê□‡, í□Vftf@fCf<’x, àfhf%oofCfu□EfffBfĀfNfgfŠ, ð•t, ¯, ½ftf<fpfX, ĀŽw’è, μ, Ä,, ¾, ³, ç□B  
“~^êfhf%oofCfu, Ā, , ê, ìfffBfĀfNfgfŠŠÓ, ì^Ú“® (MOVE), à%oĀ“\, Ā, ·□B

, È, ¨□A□f□fCf<fhfj□[fh, íŽg—p, Ā, «, Ü, ¹, ñ□B

**-ß, è’l**

|     |                       |
|-----|-----------------------|
| 0   | □³□í□l—¹              |
| 1   | fGf%o□[               |
| 255 | fpf%oof□□[f^□[, ð•s’« |

**—á**

REN FILENAME.TXT FILENAME.BAK  
REN A:\TXT\FILENAME.TXT A:\TXT\FILENAME.BAK  
REN A:\TXT\FILENAME.TXT A:\OLD\FILENAME.OLD

**ŽQ□l**  
COPY

**DEL [/Y] ftf@fCf<-¼**  
**ERASE [/Y] ftf@fCf<-¼**

ftf@fCf<,l[]í[]œ,ð[]s,È,ç,Ü,·[]B

ftf@fCf<-¼,É,Í[]f[]Cf<fhfj[]l[]fh,ðŽw'è,Å,«,Ü,·[]B,Ü,½fffBf[]E[]f[]N[]f[]g[]f[]Š,âfhf%[]f[]C[]f[]u-¼,Ì,Ý,àŽw'è,Å,«,Ü,·[]B

/

Y,ðŽw'è,µ,È,©,Á,½[]ê[]#[]A[]ff[]B[]f[]E[]f[]N[]f[]g[]f[]Š“à,ì,·,×,Ä,lf[]t[]f[]@[]f[]C[]f[]<,l[]í[]œ,ðŽw'è,µ,½[]ê[]#[],É[]A[]í[]œ,µ,Ä—ç,ç,©,ç,α,©,lf[]E[]f[]B[]f[]“fhfE,ª\,ê,Ü,·[]B

**-ß,è'l**

|     |  |
|-----|--|
| 0   | []³[]í[] —¹  |
| 1   | []í[]œ[]f[]G[]f[]%[][]l  |
| 2   | ftf@fCf<,ª[]E[]©,Â,©,ç,È,ç   |
| 21  | f[]t[]f[]U[]l,É,æ,é'+'f(ff[]f[]B[]f[]E[]f[]N[]f[]g[]f[]Š,â*.*,ðŽw'èŽž) |
| 255 | f[]p[]f[]%[]f[][]f[]^[]l,ª·s'«   |

**—á**

DEL A:\FILENAME.TXT  
DEL /Y C:\TMP

**ŽQ[]l**  
COPY

**TYPE [/B] [ffffBfCfNfgfŠ-¼] ftj@fCf<-¼ [ftj@fCf<-¼..] [[ffffBfCfNfgfŠ-¼] ..]**

fefLfXfgftf@fCf<,l"à—e•\Ž!,đ□s,È,ç,Ü,·□B

DOS,ìTYPE,æ,èŠg'£,<sup>3</sup>,ê,Ä,ç,Ä□A•i□",lftj@fCf<,đŽw'è,·,é,±,Æ,<sup>a</sup>,Å,«,Ü,·□BffffBfCfNfgfŠ,<sup>a</sup>Žw'è,<sup>3</sup>,ê,½□ê□#□A,»,ê^È□~,lftj@fCf<-¼,Í,»,lffffBfCfNfgfŠ,©,çCfY□ö,<sup>a</sup>□s,È,í,ê,Ü,·□B

•i□",lftj@fCf<,đ^ê"x,ÉŽw'è,μ,Ä□A,»,ê,đfŠf\_fCfCfNfg□o—Í,·,é,±,Æ,É,æ,è□Aftj@fCf<,l~ACE<,à□s,È,í,Ü,·□B

/B,ífŠf\_fCfCfNfg□o—Í,đ□s,È,κ,Æ,«,É,ì,Ý^Ó-í,đŽ□,¿□AEOF(0x1a),lfr□[fh,đ-<sup>3</sup>Ž<,·,é,æ,κ,É,μ,Ü,·(•K,ftj@fCf<,ì□ÅCě,Ü,Å"Ç,Ý,Ü,·)□BfofCfifŠftj@fCf<,l~ACE<,đ□s,È,κ□ê□#,í,±,lflfvfVf#f",đŽw'è,μ,Ä,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ç□B

**-ß,è'l**

|     |                                      |
|-----|--------------------------------------|
| 0   | □ <sup>3</sup> □í□l— <sup>1</sup>    |
| 1   | •\Ž!,Å,«,È,ç                         |
| 2   | ftj@fCf<, <sup>a</sup> Cf©,Å,©,ç,È,ç |
| 255 | fpf%of□□[f^□[, <sup>a</sup> •s'«     |

**—á**

TYPE A:\FILENAME.TXT  
TYPE A:\DOC FILE1.DOC FILE2.DOC A:\TXT FILE3.TXT  
TYPE C:\ CONFIG.SYS AUTOEXEC.BAT > SYSTEM ENV  
TYPE /B BINDATA1.DAT BINDATA2.DAT > BINDATAS.DAT

**ŽQ□l**  
MORE

## fšf\_fCfĈfNfg□o—í

fofbf`ŽÀ□sfEfBf“fhfE,É•\Ž!,.,é'ă,í,è,Éftf@fCf<,É□o—í,đ□s,È,ç,Ü,·□B

fRf}f“fh□s,ì□ÅĈă,É ">"(□V<K□ì□¬) ,Ü,½,í ">>"('Ç%oÁ□o—í) ,É'±,¯,Ä□o—  
í,.,éftf@fCf<-¼,đŽw'è,μ,Ä,,¾,¾,ç□B•W□€fffofCfX,í "NUL" ,ì,Ýftf|  
□[fg,μ,Ü,·□B,È,“fšf\_fCfĈfNfg“ü—í,âpfCfv□^—□,É,Â,ç,Ä,íTf|□[fg,μ,Ä,ç,Ü,¹,ñ□B

**-ß,è'l**

, ,è,Ü,¹,ñ□B

**—á**

ECHO fjfĈf“fgfffBfĈfNfgfš,í>CURDIR.TXT

CD>>CURDIR.TXT

PAUSE>NUL



**fšf\_fCfŒfNfg“ü—í**

fšf\_fCfŒfNfg“ü—í, íTf|[]fg, μ, Ä, ç, Ü, <sup>1</sup>, ñ □B

**žQ □I**

fšf\_fCfŒfNfg □o—í

**fpfCfv<sup>^</sup>—**

fpfCfv<sup>^</sup>—, íTf|[[fg, μ, Ä, ç, Ü, <sup>1</sup>, ñ B

**ŽQ**

fŠf\_fCfCfNfg o—í

## GETVERSION

WinBatchEh,ìfo[fWf#f"" Ô[†,đŽæ“¾,μ,Û,·B

fo[fWf#f"" Ô[†,í ERRORLEVEL ,É[""l,Æ,μ,Ä•Ô,è,Û,·Bfo[fWf#f"" ,ª 1.23 ,Å, ,ê,î  
123 ,ì[""l,ªERRORLEVEL,É•Ô,è,Û,·B

ì'í^Ó: ,±,ìfRf}f“fh,í WinBatchEh 1.02 ^È[ã,ÅŽg—p%oÅ“\,Å,·B

**-ß,è'l**

0            [³[í[—<sup>1</sup>  
102 [ ` 255       fŠf^[f“'l

**—á**

GETVERSION

**BATCHWND  
BATWND**

f of b f ` " à — e • \ Ž ! % œ — Ê , ì • \ Ž ! , ì § Ç È ä ( f E f B f " f h f E □ ó ' Ô , Å • \ Ž ! □ A □ Å □ ¬  
% œ » □ ó ' Ô □ A " ñ • \ Ž ! □ ó ' Ô □ A f E f B f " f h f E f ^ f C f g f < , ì • ï □ X □ A f A f C f R f " , ì • ï □ X ) , ð □ s , È , ç  
, Ü , · □ B

□ % œ Š ú □ ó ' Ô , Å , í v f □ f O f % œ f € f } f l □ [ f W f f , ì < N " ® Ž w ' è , È , Ç , É □ ] , Á , ½ □ ó ' Ô , Å • \ Ž ! , ð □ s , È , ç  
, Ü , · ( ' A , µ f v f □ f O f  
% œ f € f } f l □ [ f W f f , Å f A f C f R f " , É , µ , Ä < N " ® , µ , ½ □ ê □ † f t □ [ f U □ [ , É , æ , é □ u □ Å ' à  
% œ » □ v , â □ u Ç <sup>3</sup> , É — ß , · □ v , ð Ž g — p , Å , « , é □ ó ' Ô , Å < N " ® , µ , Ü , · ) □ B

**BATCHWND ON  
BATWND ON**

f of b f ` " à — e • \ Ž ! % œ — Ê , ð f E f B f " f h f E □ ó ' Ô ( • \ Ž ! □ ó ' Ô ) , É , µ , Ü , · □ B

**-ß, è'!**

, , è , Ü , <sup>1</sup> , ñ □ B

**—á**

BATCHWND ON

**BATCHWND OFF  
BATWND OFF**

f of b f ` " à — e • \ Ž ! % œ — Ê , ð □ Å □ ¬ % œ » ( f A f C f R f " □ ó ' Ô ) , É , µ , Ü , · □ B , ± , ì □ ó ' Ô , Å , í Ž g —  
p Ž Ò , É , æ , é □ Å ' à % œ » ( f t f < f X f N f Š □ [ f " □ ó ' Ô ) , â Ç <sup>3</sup> , ì □ ó ' Ô , É — ß , · ( f E f B f " f h f E □ ó ' Ô ) , ±  
, Æ , à , Å , « , È , , È , è , Ü , · □ B

f p f % œ f □ □ [ f ^ □ [ , É f of b f ` f t f @ f C f < - ¼ , ð —  
^ , ì , Å □ A f of b f ` , ð < N " ® , · , é , Æ , « , È , Ç , É f E f B f " f h f E • \ Ž ! , ð ^ ê □ Ø □ s , È , í , È , ç  
, ½ , ß , É , ì □ A f of b f ` , ì □ æ " <sup>a</sup> , ð Ž Ÿ , ì , æ , x , É , µ , Å , , <sup>3</sup>/<sub>4</sub> , <sup>3</sup> , ç □ B

@BATCHWND OFF

@EXECUTEWND OFF

:

**-ß, è'!**

, , è , Ü , <sup>1</sup> , ñ □ B

**—á**

BATCHWND OFF

**BATCHWND HIDE**

**BATWND HIDE**

fobbf` "à—e•\Ž!%œ—Ê,đfAfCfRf" ,đŠÜ,ß,Ä%B,μ,½□ó'Ô("ñ•\Ž!),É,μ,Ü,·□B

'□^Ó: "BATCHWND HIDE" ,ì□ó'Ô,Å,ìfobbf` ,đ^À'S,É□I—

1,·,é,½,ß,ì□ufXfgfbfv□vf{f^f" ,âWinBatchEh,ì□I—<sup>1</sup>,<sup>a</sup>□A'Ê□í'€□ì,Å,Í□s,È,ì,È,-  
,É,è,Ü,·,ì,Å□A,±,ìfRf}f"fh,í'É□í,íŽg—p,μ,È,ç,Å,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ç□Bfobbf` "à—e•\Ž!%œ—  
Ê,đ"ñ•\Ž!,É,·,é,É,í□A"BATCHWND OFF" ,đŽg—p,μ,Ä,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ç□B

**-ß,è'l**

, ,è,Ü,<sup>1</sup>,ñ□B

**—á**

BATCHWND HIDE

**BATCHWND TITLE "f^fCfjf<-¼"**

**BATWND TITLE "f^fCfjf<-¼"**

fobbf` "à—e•\Ž!%œ—Ê,ìfEfBf"fhfE,ìf^fCfjf<,đ□Ý'è,μ,Ü,·□B  
□%Šú'l,í "WinBatchEh - fobbf`ftf@fCf<-¼" ,Æ,È,Ä,Ä,ç,Ü,·□B

**-ß,è'l**

, ,è,Ü,<sup>1</sup>,ñ□B

**—á**

BATCHWND TITLE "%0 ,ìfobbf` "à—e,Ä,·"

**BATCHWND ICON [ftf@fCf<-¼ [fCf"fffbfNfX"Ô□t]]**

**BATWND ICON [ftf@fCf<-¼ [fCf"fffbfNfX"Ô□t]]**

fobbf` "à—e•\Ž!%œ—Ê,<sup>a</sup>fAfCfRf"%œ»,<sup>3</sup>,é,Ä,ç,é,Æ,«,ìfAfCfRf" ,đŽw'è,μ,Ü,·□B  
ftf@fCf<-¼,É,ìfAfCfRf"ftf@fCf<,âŽÀ□sftf@fCf<(EXE,DLL)  
,<sup>a</sup>Žw'è,Ä,«,Ü,·□Bftf@fCf<"à,É•i□" ,ìfAfCfRf" ,<sup>a</sup>ŠÜ,Ü,è,Ä,ç  
,é□ê□±,ìfCf"fffbfNfX"Ô□t,ì□"l,É,æ,è□A,ç,ìfAfCfRf" ,đŽg—p,·,é,©Žw'è,·,é,±  
,Æ,<sup>a</sup>,Ä,«,Ü,·□BfCf"fffbfNfX"Ô□t,đ□É—<sup>a</sup>,·,é,Æ0,É,È,è,Ü,·□B  
ftf@fCf<-¼^È%œ<sup>o</sup>,<sup>a</sup>□É—<sup>a</sup>,<sup>3</sup>,é,½□ê□±,íWinBatchEhffftfHf<fg,ìfjRf`fff"fobbf` (?)  
,ìfAfCfRf" ,É,È,è,Ü,·□B  
ftf@fCf<,<sup>a</sup>¶□Ý,μ,È,ç,Æ,«,âfCf"fffbfNfX"Ô□t,<sup>a</sup>□<sup>3</sup>,μ,-  
,É,ç□ê□±,í□AfAfCfRf" ,í•ì□X,<sup>3</sup>,é,Ü,<sup>1</sup>,ñ□B

**-ß,è'l**

, ,è,Ü,<sup>1</sup>,ñ□B

**—á**

BATCHWND ICON C:\WINDOWS\PROGMAN.EXE 2

**žQI**

EXECUTEWND, EXECWND

**EXECUTEWND  
EXECWND**

f ofbf` ŽÄ s%æ-Ê, ðŽ, ðŒä (fEfBf"fhfEó'Ô, Å•Ž!A"ñ•Ž!ó'ÔfGf%["-  
ŒŽž, É^èŽž'âž~ AfGf%["-  
ŒŽž, É'âž~, µ, Ê, ç AfEfBf"fhfEfTfCfY, İžw'è AfEfBf"fhfEf^fCfGf<, ð•İ X AfTfHf"fg  
, İžw'è), ðs, Ê, ç, Ü, · B

**EXECUTEWND ON  
EXECWND ON**

f ofbf` ŽÄ sfEfBf"fhfE, ðŽ, ðs, Ê, ç, Ü, · B  
%Šúó'Ô, Å, Í EXECUTEWND ON , ðó'Ô, É, È, Á, Ä, ç, Ü, · B

**-ß, è'!**  
, , è, Ü, ¹, ñ B

**—á**  
EXECUTEWND ON

**EXECUTEWND OFF  
EXECWND OFF**

f ofbf` ŽÄ sfEfBf"fhfE, ðŽ, ðs, Ê, ç, Ü, ¹, ñ B

**-ß, è'!**  
, , è, Ü, ¹, ñ B

**—á**  
EXECUTEWND OFF

**EXECUTEWND ERRON  
EXECWND ERRON**

fGf%["[ , <N, <<, ½, Æ, <<, ÉfL["ü—Í, ª, , é, Ü, Å'âž~, µ, Ü, · B  
f ofbf` ŽÄ sfEfBf"fhfE, ðŽ, ðs, Ê, í, Ê, ç, Æ, << (EXECUTEWND OFF, ðó'Ô)fGf  
%["[f fbfZ[fW, í, ·, x, Ä fbfZ[fWf{fbfNfX, É•Ž!, ³, è[OK]f{f^f", ð"ü—  
Í'Ö, ç, Æ, Ê, è, Ü, · B  
%Šúó'Ô, Å, Í EXECUTEWND ERRON , ðó'Ô, É, È, Á, Ä, ç, Ü, · B  
, ½, ¾, µ, ·, x, Ä, İfRf}f"fh, É, ", ç, Ä AfGf%["["ŒŽž, É'âž~, ·, é, í, , Å, Í, , è, Ü, ¹, ñ BfRf}f  
"fh, É, æ, Å, Ä, İfGf%["[ , ª"Œ, µ, Ä, à fbfZ[fW, ð•Ž!, ·, é, ¾, , ð, à, ð, ª, , è, Ü, · B

**-ß, è'!**  
, , è, Ü, ¹, ñ B

—á  
EXECUTEWND ERRON

**EXECUTEWND ERROFF**  
**EXECWND ERROFF**

fGf%o[][,ª<N,«,½,Æ,«,ÉfL[]["ü—Í,ð'Ò,¿,Ü,¹,ñ[]B  
fofbf`ŽÀ[]sfEfBf`fhfE,ì•\Ž!,ð[]s,È,í,È,ç,Æ,«(EXECUTEWND OFF,ì[]ó'Ô),ÍfGf  
%o[]f[]fbfZ[]fW,³,ì•\Ž!,³,é,Ü,¹,ñ,ì,Å,²'[]^Ó,,¾,³,ç[]B

-ß,è'l  
,,è,Ü,¹,ñ[]B

—á  
EXECUTEWND ERROFF

**EXECUTEWND %oj•¶Žš[]" []c•¶Žš[]"**  
**EXECWND %oj•¶Žš[]" []c•¶Žš[]"**

fofbf`ŽÀ[]sfEfBf`fhfE,ªON,ì[]ê[]#,ÍfTfCfY,ðŽw'è,µ,Ü,·[]B  
%oj•¶Žš[]",Í40[]`80[]A[]c•¶Žš[]",Í10[]`30,ªŽw'è,Å,«,Ü,·[]B[]%oŠú'l,Í  
%oj80[]A[]c25,Å,·[]B  
ftfCfY,ì•ìXÆãfofbf`ŽÀ[]sfEfBf`fhfE,ì•\Ž!"à—e,Í[]Á<Ž,³,é,Ü,·[]B

-ß,è'l  
,,è,Ü,¹,ñ[]B

—á  
EXECUTEWND 60 20

**EXECUTEWND TITLE "f^fCfjf<-¼"**  
**EXECWND TITLE "f^fCfjf<-¼"**

fofbf`ŽÀ[]sfEfBf`fhfE,ªON,ì[]ê[]#[]AfEfBf`fhfE,Íf^fCfjf<,ð[]Ý'è,µ,Ü,·[]B  
[]%oŠú'l,Í "WinBatchEhExec - fofbf`ftf@fCf<-¼" ,Æ,È,Á,Ä,ç,Ü,·[]B

-ß,è'l  
,,è,Ü,¹,ñ[]B

—á  
EXECUTEWND TITLE "%0 ,Ífofbf`ŽÀ[]s%oæ-Ê,Å,·"

**EXECUTEWND FONT "ftfHf"fg-¼" [□,,³ [•□]]**  
**EXECWND FONT "ftfHf"fg-¼" [□,,³ [•□]]**

fofbf`ŽÀ[]sfEfBf`fhfE,ªON,ì[]ê[]#,ì•\Ž!,·,éftfHf"fg,ðŽw'è,µ,Ü,·[]B



ftfHf“fg-¼,É,íŒÅ’èfsfbf` ,lftfHf“fg,ì,Ý,ªŽw’è,Å,«,Ü,·□B  
□,,³□A•□,đ□È—ª,·,é,ÆfVfXfef€ ,lffftfHf<fg,ì’ã,«,³,É,È,è,Ü,·□B  
□,,³,ì,Ý,đŽw’è,μ,Ä•□,đ□È—ª,·,é,Æ□A•□,íŽ©“®“l,ÉŒvŽŽ,³,è,Ü,·□B  
ftfHf“fg,ìŽw’è,đ□s,È,ꝛ,Æ□Afofbf` ŽÄ□sfEfBf“fhfE,ì,·,×,Ä,ì\  
Ž!,ªŽw’è,lftfHf“fg,É•ï□X,³,è,Ü,·□B

**-Œ,è’l**

, ,è,Ü,¹,ñ□B

**—á**

EXECUTEWND FONT ",l,r fsfVfbfN" 12 6

**ŽQ□l**

BATCHWND, BATWND

## ŠĀ«•İ” ERRORLEVEL

ERRORLEVEL,İ”İ,đ•ŕŽš—  
ň,Æ,μ,ÄŽQÆ,Å,«,Ü,·B,Ü,½ERRORLEVEL,ÉSETfRf}f“fh,Å”İ,İ‘ă“ü,ªs,È,İ,Ü,·B

## ERRORLEVEL ,đ•ŕŽš—ň,Æ,μ,ÄŽQÆ

%ERRORLEVEL%,Æ,·,éŽ-,É,æ,èAERRORLEVEL,İ”İ,đ•ŕŽš—ň,Æ,μ,Ä^μ,İ,Ü,·B

-ß,è’İ

, ,è,Ü,¹,ňB

—á

ECHO fGf%o[’İ,Í %ERRORLEVEL% ,Å,  
IF %ERRORLEVEL%=1 GOTO END

## ERRORLEVEL ,Ö,İ‘ă“ü

SETfRf}f“fh,ÅERRORLEVEL,É”İ,đ‘ă“ü,Å,«,Ü,·B(”İ,İŽw’è•û-@)

-ß,è’İ

‘ă“ü,μ,½’İ

—á

SET ERRORLEVEL=1  
SET ERRORLEVEL=12+56  
SET ERRORLEVEL=%ERRORLEVEL%+1 (ERRORLEVEL,đ1’İ,â,·)  
SET ERRORLEVEL=RANDOM 100

’İ^Ó

ERRORLEVEL,Æ=,İŠÔ,É<ó”’,đ“ü,ê,È,ç,Å,,¾,¾,çB,Ü,½A " " “™,Å^Í,í,È,ç,Å,-  
,¾,¾,çB

ŽQİ

ERRORLEVEL(IF ERRORLEVEL)

## GOSUB LABEL □ RETURN

f of bf "à, ì f T f u f < □ [ f ` f " , ð Æ Ä , Ñ □ o , μ , Ü , · □ B

GOTO, Æ " ~ , ¶ , æ , x  
, É LABEL, ì □ s, É f W f f f " f v , μ , Ü , · , a □ A RETURN f R f } f " f h , É , æ , è GOSUB, ì Ž Ÿ , ì □ s, É - ß , Á , Ä , -  
, é , ± , Æ , a , Å , « , Ü , · □ B

GOSUB, í • i □ " , ì Š K ' w , É " n , Á , Ä Ž g — p , · , é , ± , Æ , a , Å , « , Ü , · ( □ Å ' å 3 2 Š K ' w ) □ B

**-ß, è ' I**

, , è , Ü , 1 , ñ □ B

**—á**

GOSUB SUB

:

EXIT

:SUB

:

RETURN

**Ž Q □ I**

GOTO

## IF [condition] ELSE [condition] ENDIF ([condition] IF)

```
[condition] IF [condition] ELSE [condition] ENDIF  
[condition] IF [condition] ELSE [condition] ENDIF
```

```
[condition] IF [condition] ELSE [condition] ENDIF  
DOS [condition] IF [condition] ELSE [condition] ENDIF
```

o DOS [condition] IF [condition] ELSE [condition] ENDIF  
IF ERRORLEVEL 1 ECHO ERROR (condition) ENDIF

o [condition] IF [condition] ELSE [condition] ENDIF  
IF ERRORLEVEL 1 (condition) ECHO ERROR  
ENDIF

```
[condition] IF [condition] ELSE [condition] ENDIF  
[condition] IF [condition] ELSE [condition] ENDIF  
[condition] IF [condition] ELSE [condition] ENDIF
```

[condition] IF [condition] ENDIF  
IF [condition]  
[condition]  
ENDIF

[condition] IF [condition] ELSE [condition] ENDIF  
IF [condition]  
[condition]  
ELSE  
[condition]  
ENDIF

[condition] IF [condition] ELSE IF [condition] ENDIF  
IF [condition]  
[condition]  
ELSE IF [condition]  
[condition]  
ELSE  
[condition]  
ENDIF

[condition] IF [condition] ELSE IF [condition] ENDIF  
[condition] IF [condition] ELSE IF [condition] ENDIF  
[condition] IF [condition] ELSE IF [condition] ENDIF

```

IF [condition] • ¶1
  [condition]1, [condition] ^ , ì, Æ, «, ÉŽÀ [condition]s
ELSE
  IF [condition] • ¶2
    [condition]1, & [condition]2, [condition] ^ , ì, Æ, «, ÉŽÀ [condition]s
  ELSE
    [condition]1, à [condition]2, à < U, ì, Æ, «, ÉŽÀ [condition]s
  ENDIF
ENDIF

```

, ±, ì, æ, x, ÈIF, ìŽg, ç • ù, ì [condition] , É [condition]SCEÀ, í, , è, Ü, 1, ñ, [condition]AENDIF, ð, » , ì [condition] , ¾, - • t, - , é, ±, Æ, ð-  
 Y, ê, È, ç, æ, x, É, µ, Ä, , ¾, ¾, ç [condition]B

[condition] \ ' ç % » IF, ìf < [condition] [condition] "à, Å [condition]s, È, xGOTO, í-â'è, , è, Ü, 1, ñ, [condition]Af < [condition] [condition]fvŠO, ©, çGOTO, Åf < [condition] [condition]fv"  
 à, ÉfWfff "fv, ð [condition]s, È, x, æ, x, È, ±, Æ, í [condition]s, È, í, È, ç, Ä, , ¾, ¾, ç [condition]B

"ELSE IF" , ðŽg—p, , é [condition] [condition] [condition]A"ELSE" , Æ "IF" , ìŠÔ, É, í < ó" , ð "ü, ê, Ä, , ¾, ¾, ç [condition]B

**-ß, è' l**  
 , , è, Ü, 1, ñ [condition]B

**ŽQ [condition] l**  
IF(fofbf`fRf}f`fhCEÝŠ.)

## WHILE ENDWHILE

```
do while "»" è, do s, È, Á, Ä "A" » è, ^, ÌŠ ENDWHILE , Ü, Å, Ì s, ðŽÀ s, µ, Ü, · B
```

```
do while "»" è, [fofbf`fRf}f`fhËÝŠ·, ÌF, Æ " , ¶, à, Ì, ðŽg, Ì, Ü, · B  
, Ü, ½ do while, È " " Ì, ðŽw' è, ·, é, ±, Æ, à, Å, «, Ü, · B, ±, Ì ê ¶ 0 , Å, È, , é, Î ^ , Æ, È, è, Ü, · B
```

```
WHILE, Í·K, , \ 'ç%»», do s, È, Á, Ä < L q, µ, Ü, · B ^ è s, ÅŠ ® Æ < , ·, é, ±, Æ, Í, Å, «, Ü, ¹, ñ B
```

¶, «·û 1

```
SET ERRORLEVEL=10  
WHILE ERRORLEVEL 1          ¶ © do while Ž®, Å" » è  
    PRINTF , , Æ%%5d%%ñŽc, Á, Ä, Ü, · %ERRORLEVEL%  
    SET ERRORLEVEL=%ERRORLEVEL%-1  
ENDWHILE
```

¶, «·û 2

```
SET COUNT=10  
WHILE %COUNT%              ¶ © " " Ì, Å" » è  
    PRINTF , , Æ%%5d%%ñŽc, Á, Ä, Ü, · %COUNT%  
    SPRINTF COUNT %%d %COUNT%-1  
ENDWHILE
```

```
"r't, Å WHILE f < [fv, ð"², , é, È, Í BREAK , ðŽg—p, µ, Ü, · B
```

```
SET COUNT=10  
WHILE %COUNT%  
    PRINTF , , Æ%%5d%%ñŽc, Á, Ä, Ü, · %COUNT%  
    MESSAGEBOX=MB_YESNO '±, , Ü, ·, ©?  
    IF %ERRORLEVEL%==IDNO  
        BREAK          ¶ ENDWHILE, ðŽÿ, Ì s, ÈfWfff"fv  
    ENDIF  
    SPRINTF COUNT %%d %COUNT%-1  
ENDWHILE
```

```
, Ü, ½ WHILE, Å, ðŽÀ s, Ì s, Ì t, Å, ³, ç, È WHILE, ðŽg, ¶, ±, Æ, à, Å, «, Ü, · B  
, » , Ì, Æ, «, Ì BREAK , Í î%»ž, ·, é WHILE , ð"², , é, ±, Æ, È, È, è, Ü, · B
```

```
WHILE 1  
    SET COUNT=1  
    WHILE NOT %COUNT%==10  
        PRINTF %%5d%%ñ-Ú, Å, · %COUNT%  
        IF EXISTWINDOW "f¶f, ' "  
            BREAK          ¶ (2), ÈfWfff"fv  
    ENDIF
```

```
SPRINTF COUNT %%d %COUNT%+1
ENDWHILE
(2)
IF EXISTWINDOWR "f[]f,' - (-³'è)"
    BREAK          []" (1),ÉfWffff"fv
ENDIF
ENDWHILE
(1)
```

, ±, ì, æ, ɣ, ÈWHILE, ìŽg, ç • û, í[]Á'â32, ì[][, ³, Ü, ÅŽg—  
p, Å, «, Ü, ·[]BENDWHILE, ð, » , ì[]", ¾, - • t, - , é, ±, Æ, ð-Y, ê, È, ç, æ, ɣ, É, µ, Ä, ,, ¾, ³, ç[]B

WHILE, ìf<[][fv"à, Å[]s, È, ɣGOTO, í-â'è, , è, Ü, ¹, ñ, º[]Af<[][fvŠO, ©, çGOTO, Åf<[][fv"à, É  
fWffff"fv, ð, ·, é, æ, ɣ, È, ±, Æ, í[]s, È, í, È, ç, Å, ,, ¾, ³, ç[]B

ENDWHILE, ì'ã, í, è, ÉWEND, ðŽg, ɣŽ-, à, Å, «, Ü, ·[]BENDWHILE, àWEND, à^Ó-  
i, í"" , ¶, Å, ·[]B

**-ß, è' l**  
, , è, Ü, ¹, ñ[]B

**ŽQ[] l**  
IF(fofbf`fRf}f"fhŒÝŠ.)

## FOR □` ENDFOR (□\`¢%» FOR)

□\`¢%» ,ì□s,È,ì,éFOR,Å,·□BENDFOR,ì□s,Ü,Å,ðÆJ,è•Ô,μŽÀ□s,ð□s,È,¢,Ü,·□B

•ï□",ìŽg—p,É,Â,¢,Ä,ífofbf`fRf}f“fhÆÝŠ·,ìFOR,Æ“` ,¶,à,ì,ªŽg,ì,Ü,·□B

□\`¢%»FOR,ðŽg—p,·,é,Æ,«,É,í□AFOR•¶,ì□s,ìŽÀ□sfRf}f“fh,ì,Æ,±,ë,Å  
%»ü□s,ð□s,È,¢,Ü,·□BDOS,ífofbf`fRf}f“fhÆÝŠ·,ìFOR•¶,Æ,ì^á,¢,ìŽŸ,ì,æ,α  
,É,È,è,Ü,·□B

o DOS,ífofbf`fRf}f“fhÆÝŠ·,ìFOR:

```
FOR %%A IN (1 2) DO ECHO %%A ("DO" ,É'±,` ,ÄŽÀ□sfRf}f“fh,ð<L□q)
```

o □\`¢%»<sup>3</sup>,è,½FOR:

```
FOR %%A IN (1 2) DO (,±,±,É,í%»½,à“ü,ê,È,¢)  
ECHO %%A  
ENDFOR
```

□\`¢

%»<sup>3</sup>,è,½FOR,Å,í□AENDFOR,Ü,Å,ì,·,×,Ä,ìŽÀ□s•¶,É'í,μ,Ä•ï□",É'ã“ü,ð□s,È,Á,ÄÆJ  
,è•Ô,μŽÀ□s,ð□s,È,¢,Ü,·□B

□\`¢%»FOR,ìf<□[fv“à,Å□s,È,αGOTO,í-â'è, ,è,Ü,<sup>1</sup>,ñ,ª□Af<□[fvŠO,©,çGOTO,Åf<□[f  
v“à,ÉfWfff“fv,ð,·,é,æ,α,È,±,Æ,í□s,È,í,È,¢,Å,,¾,<sup>3</sup>,¢□B

,Ü,½□AFOR•¶“à,ÅFOR•¶,ðŽg—p,·,é(“ü,êŽq,É,·,é),±,Æ,í,Å,«,Ü,<sup>1</sup>,ñ□B

-ß,è'l

, ,è,Ü,<sup>1</sup>,ñ□B

ŽQ□I

FOR(fofbf`fRf}f“fhÆÝŠ·)



**EXEC[=ftf%ofO] ŽÀ[sftf@fCf<-¼**

ŽÀ[sftf@fCf<,đ<N“® ,µ[Afofbf` ,ÍŽÀ[s,ªI—  
¹,·,é,Ü,Á'âŽ~ ,µ,Ü,·B•K, ,Šg'£Žq,àŽw'è,µ,Ä,,¾,¾,çB

ŽÀ[sftf@fCf<-¼,Ì,Ý,Á<N“® ,·,é,Ì,Æ“ ,¶,Á,·,ªAftf%ofO,ÌŽw'è,đ[s,È,æŽ-  
,É,æ,è<N“®[ó'Ô,đŽw'è,Á,«,Ü,·B

ŽÀ[sftf@fCf<-¼,ÉfpfX-¼,đŠÜ,ß,È,ç[ê[#,ÍjffCEf“fg, WINDOWS, Windows,Ì  
SYSTEM, WinBatchEh <N“®ŽŽ,É[Ý'è,¾,è,Ä,ç,½SÄ<«•İ” PATH  
,ÍjffBfCEfNfgfŠ(16fjrfbfgfo[fWfj” ,Á,Í WinBatchEh “à,Á[Ý'è,µ,½ PATH  
,ÍZQ[Æ,µ,Ü,¹,ñ),đCEÝ[đ,É[s,«,Ü,·B

DOS—p,ÌŽÀ[sftf@fCf<,Í“®[ì,·,é,©,à'm,è,Ü,¹,ñ,ª[¾Ž®,ÈfTfj  
[fg,Æ,Í'v,µ,Ü,¹,ñB,Ü,½DOS—p,ÌŽÀ[sftf@fCf<I—  
¹CEã,ÌERRORLEVEL,ÍCOMMAND.COMCo—R,Á<N“® ,µ,Ä,ç,éŽ-,à, ,Á,Äžæ“¾,·,é  
Ž-,ª,Á,«,Ü,¹,ñB

ŠÖ~A•t,ª[s,È,í,è,Ä,ç,éftf@fCf<,đ'¼[ÚŽw'è,·,é,±,Æ,à%oÄ“\  
,Á,·(SW\_NOEXT,ªŽw'è,¾,è,Ä,ç,é,Æ,«,đ[œ,)B—á,Í,Í WINBATC.TXT  
,đ<N“® ,·,é,Æ[ATXT ftf@fCf<,É NOTEPAD.EXE ,ªŠÖ~A•t,ª,è,Ä,ç  
,è,Í[ANOTEPAD,Ífpf%of[[f^[[,É WINBATC.TXT ,đ“n,µ,Ä<N“® ,ª[s,È,í,è,Ü,·B

ftf%ofO,É,Í^È%oo,ì,à,ì,đŽw'è,Á,«,Ü,·B('è<`•¶Žš—ñ,đŽg—  
p,·,é[ê[#,Í'á•¶Žš,ÁŽw'è,µ,Ä,,¾,¾,ç)B

|                            |                |
|----------------------------|----------------|
| <[”'l> <'è<`•¶Žš—ñ>        | <<N“®[ó'Ô>     |
| Žw'è,È,µ                   |                |
| fAfvfŠ,ÌffftfHf<fg,Ì'á,«,¾ |                |
| 0 SW_HIDE                  | ”ñ•\Ž;         |
| 1 SW_NORMAL ,Ü,½,Í         | fEfBf“fhfE[ó'Ô |
| SW_SHOWNORMAL              |                |
| fEfBf“fhfE[ó'Ô             |                |
| 2 SW_SHOWMINIMIZED         | fAfCfRf“[ó'Ô   |
| 3 SW_MAXIMIZE ,Ü,½,Í       | [Á'á»»[ó'Ô     |
| SW_SHOWMAXIMIZED           | [Á'á»»[ó'Ô     |
| 5 SW_SHOW                  |                |
| fAfvfŠ,ÌffftfHf<fg,Ì'á,«,¾ |                |
| 6 SW_MINIMIZE              |                |
| ”ñfAfNfefBfu,ÈfÄfCfRf“[ó'Ô |                |
| 7 SW_SHOWMINNOACTIVE       |                |
| ”ñfAfNfefBfu,ÈfÄfCfRf“[ó'Ô |                |
| 128 SW_NOEXT               | ŠÖ~A•t,ª,đ-    |
| ¾Ž<                        |                |

ftf%ofO,ìY'è,É,æ,Á,Ä,ífAfvfŠfP[fVf#f",ª"®ì,μ,È,çŽ-,ª, ,è,Ü,·,ì,ÅA,»,ìê#ftf  
%ofO,ð•ìX,μ,Ä<N"®,<sup>3</sup>,<sup>1</sup>,Ä,Ý,Ä,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,çB

32frfbfgfo[fWf#f",ÅAWin32fAfvfŠfP[fVf#f",ðEXECfRf}f"fh,Å<N"®,<sup>3</sup>,<sup>1</sup>,½ê#  
A!—<sup>1</sup>Žž,ífAfvfŠfP[fVf#f",ífŠf^[f"fr[fh,ªŠÂ<«•ì" "\_RETURNCODE\_"  
,ÉY'è,<sup>3</sup>,ê,Ü,·B

**-ß,è'I**

0 ` 31 fvfOf%of€,ªŽÀs,Å,«,È,ç  
32 `                    <sup>3</sup>íŽÀs

**—á**

EXEC CALC.EXE  
EXEC=2 CALC.EXE  
EXEC=SW\_MAXIMIZE CALC.EXE  
EXEC=SW\_MAXIMIZE WINBATCH.TXT

**ŽQI**

START

ftf@fCf<,ðŽÀs

## START[=ftf%ofo] ŽÀ sftf@fCf<-¼

ŽÀ sftf@fCf<, ð<N“ ®, µ, Ü, ·, ªAZÀ s, ªI—¹, ·, é, ì, ð’Ò, ½, ·, Éfofbf` , ÌŽÀ s, ª±  
·, ·, Ä s, È, í, ê, Ü, · B·K, · Šg’fŽq, àŽw’è, µ, Ä, ·, ¾, ¾, ç B

ŽÀ sftf@fCf<-¼, ÉfpfX-¼, ðŠÜ, ß, È, ç ê ð ð, ÌjffCef“fg, WINDOWS, Windows, Ì  
SYSTEM, WinBatchEh <N“ ® ŽŽ, ÉY’è, ¾, ê, Ä, ç, ½SÄ«·İ” PATH  
, ÌjffBfCefNfgfŠ(16frfbfgfo [fWfj” , Ä, Í WinBatchEh “à, ÄY’è, µ, ½ PATH  
, ÌZQ Ä, µ, Ü, ¹, ñ), ðCEY ð ð, È s, «, Ü, · B

DOS—p, ÌŽÀ sftf@fCf<, Í“ ® ð, ·, é, ©, à’m, ê, Ü, ¹, ñ, ª³Ž®, ÈTfj  
[fg, Ä, Ív, µ, Ü, ¹, ñ B, Ü, ½DOS—p, ÌŽÀ sftf@fCf<I—  
¹CEã, ÌERRORLEVEL, ÍCOMMAND.COMCEo—R, Ä<N“ ®, µ, Ä, ç, éŽ—, à, ·, Ä, Äžæ“¾, ·, é  
Ž—, ª, Ä, «, Ü, ¹, ñ B

ŠÖ~A·t, ·, ª s, È, í, ê, Ä, ç, éftf@fCf<, ð’¼ ÜŽw’è, ·, é, ±, Ä, à%oÄ“\  
, Ä, · (SW\_NOEXT, ªŽw’è, ¾, ê, Ä, ç, é, Ä, «, ð œ), B—á, ·, Í WINBATCH.TXT  
, ð<N“ ®, ·, é, Ä ATXT ftf@fCf<, È NOTEPAD.EXE , ªŠÖ~A·t, ·, ¾, ê, Ä, ç  
, è, Í ANOTEPAD, Ìfpf%ofo [f^ [ , È WINBATCH.TXT , ð“n, µ, Ä<N“ ®, ª s, È, í, ê, Ü, · B  
Windows95, Ä, Í Afvf [ [fgjfbfgftf@fCf<(\*.lnk), âfCf“f^ [ [fbfgfGfNfXfvf [ [f%o  
, Ä, Ì [ [fj<ftf@fCf<, ÌŽw’è(file:filename.htm)  
, à ASTARTfRf}f“fh, ÄŠÖ~A·t, ·, ¾, ê, ½ftf@fCf<, Ä, µ, Ä<N“ ®, ·, é, ±, Ä, ª, Ä, «, Ü, · B, ±  
, è, ç, Ì“Äžè, ÈŠÖ~A·t, ·ftf@fCf<, Ì<N“ ®, ª, Ä, «, é, Ì, ÍSTARTfRf}f“fh, ¾, ·, Ä AEEXECfRf}f  
“fh, Ä, Ì<N“ ®, Ä, «, Ü, ¹, ñ, µ ASTARTfRf}f“fh, Ä, àCEã q, Ì /WAIT flfvfvfj” , ÌŽg—  
p, Ä, «, Ü, ¹, ñ, Ì, Ä, ² ^ Ó, ·, ¾, ¾, ç B

ftf%ofo, ÌŽw’è, ð s, È, æŽ—, È, æ, è<N“ ® ó’Ô, ðŽw’è, Ä, «, Ü, · Bftf%ofo, È, Í È  
%oº, Ì, à, Ì, ðŽw’è, Ä, «, Ü, · B(’è< · ¶Žš—ñ, ðŽg—p, ·, é ê ð ð, Í’ã · ¶Žš, ÄŽw’è, µ, Ä,  
, ¾, ¾, ç) B

|                                |               |
|--------------------------------|---------------|
| <” ’ l> <’ è<` · ¶Žš—ñ>        | <<N“®ó’Ô>     |
| Žw’è, È, µ                     |               |
| fAfvfŠ, ÌffftfHf<fg, Ì’ã, «, ³ |               |
| 0 SW_HIDE                      | ”ñ·\Ž;        |
| 1 SW_NORMAL , Ü, ½, Í          | fEfBf“fhfEó’Ô |
| SW_SHOWNORMAL                  |               |
| fEfBf“fhfEó’Ô                  |               |
| 2 SW_SHOWMINIMIZED             | fAfCfRf“ó’Ô   |
| 3 SW_MAXIMIZE , Ü, ½, Í        | Ä’ã»ó’Ô       |
| SW_SHOWMAXIMIZED               | Ä’ã»ó’Ô       |
| 5 SW_SHOW                      |               |
| fAfvfŠ, ÌffftfHf<fg, Ì’ã, «, ³ |               |
| 6 SW_MINIMIZE                  |               |
| ”ñfAfNfefBfu, ÈfAfCfRf“ó’Ô     |               |
| 7 SW_SHOWMINNOACTIVE           |               |

"ñfAfNfefBfu,ÈfAfCfRf"ó'Ô  
128 SW\_NOEXT  
Ž<

ŠÖ~A•t, -, ð-

ftf%ofO,ìY'è,É,æ,Á,Ä,ÍfAvfšP[fVf#f",ª"®ì,µ,È,çŽ-,ª, ,è,Ü,·,ì,ÅA,»,ìê#ftf  
%ofO,ð•íX,µ,Å<N"®,<sup>3</sup>,<sup>1</sup>,Á,Y,Ä,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,çB

,Ü,<sup>1</sup>/<sub>2</sub>AWindows95,ìSTARTfRf}f"fh,Æ,ìEYŠ·,ðŽ,½,<sup>1</sup>,é,<sup>1</sup>/<sub>2</sub>,ß,ÉAfIfvVf#f",É,æ,é  
"®ì,ìŽw'è,àftf|[fg,µ,Ü,·B,»,è,<sup>1</sup>/<sub>4</sub>,è,IfIfvVf#f",ðSTART,ì,·,®Eã,ÉŽw'è,µ,Ä,-  
<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ç(•i",IfIfvVf#f",ðŽw'è,·,éê#f,ì,»,è,<sup>1</sup>/<sub>4</sub>,è,ÉfXfy|[fX•¶Žš,ð"ü,è,Ä,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ç)B

|              |  |
|--------------|--|
| /W[AIT]      | fRf}f"fh,ìŽÀ[s,ªI,í,é,Ü,Å'Ò,Å                |
| /M[INIMIZED] | fAfCfRf"ó'Ô,Å<N"®                            |
| /MAX[IMIZED] | Å'á%»ó'Ô,Å<N"®                               |
| /R[ESTORED]  | fAvfš,ìffftfHf<fg,ì'á,«, <sup>3</sup> ,Å<N"® |

32frfbfgfo[fWf#f",Å,í^È%º,IfIfvVf#f",àŽw'è,Å,«,Ü,·(16frfbfgfo[fWf#f",Å,í,±  
IfIfvVf#f",ìŽw'è,µ,Ä,à-Ž<,<sup>3</sup>,è,Ü,·)B

/I[NPUTIDLE] fRf}f"fh,ì<N"®,ªŠ®'S,É[s,È,í,è,é,Ü,Å'Ò,Å

-ß,è'I

0 [ 31 fvf[fOf%of€ªŽÀ[s,Å,«,È,ç  
32 [ [³íŽÀ[s

-á

START CALC.EXE  
START=2 CALC.EXE  
START=SW\_MAXIMIZE CALC.EXE  
START=SW\_MAXIMIZE WINBATCH.TXT  
START /MINIMIZED CALC.EXE  
START /I /MAX CALC.EXE

ŽQ[I

EXEC

ftf@fCf<,ðŽÀ[s

## MORE [ffffBfCefNfgfŠ-¼] ftj@fCf<-¼ [ftj@fCf<-¼..] [[ffffBfCefNfgfŠ-¼] ..]

fefLjXfgftj@fCf<,l"à—e•\Ž!,đ□s,È,ç,Ü,·□B%œ-Ê□s□"•ª•\Ž!,đ□s,È,ç,Æ^êŽž'âŽ~ ,đ□s,È,ç,Ü,·□B

DOS,ìMORE,æ,èŠg'£,³,ê,Ä,ç,Ä•j□",lftj@fCf<,đŽw'è,·,é,±,Æ,ª,Å,«,Ü,·□B•j□",lftj@fCf<,ªŽw'è,³,ê,½□ê□#2"Ô-Ú^È□~ftj@fCf<,đ•\Ž!,·,é'O,É,à^êŽž'âŽ~ ,đ□s,È,ç,Ü,·□B

ffffBfCefNfgfŠ,ªŽw'è,³,ê,½□ê□#□A,»,ê^È□~,lftj@fCf<-¼,Í,»,lffffBfCefNfgfŠ,©,çCËŸ□ö,ª□s,È,í,ê,Ü,·□B

### -ß,è'l

|     |                        |
|-----|------------------------|
| 0   | □³□í□l— <sup>1</sup>   |
| 1   | •\Ž!,Å,«,È,ç           |
| 2   | ftj@fCf<,ªC©,Å,©,ç,È,ç |
| 255 | fpf%of□□[f^□[,ª•s'«    |

### —á

MORE A:\FILENAME.TXT  
MORE A:\ CONFIG.SYS AUTOEXEC.BAT  
MORE A:\DOC FILE1.DOC FILE2.DOC A:\TXT FILE3.TXT

ŽQ□l  
TYPE

## GETKEYSTATE fL[fR[fh

Žw'è,lfL[(f}fEfX,đŠÜ,p),º%oÿ,³,ê,Ä,ç,é,©,Ç,æ,©,đ'²,x,Ü,·B

fL[fR[fh,É,í%¼'zfL[fR[fh,Ü,½,í'A',È,Ç,ìŽÀÛ,ì•¶Žš,đŽw'è,µ,Ü,·B  
%¼'zfL[,lfR[fh,ìŽQÆ

fjbfj@“à,É,½,Ü,Á,Ä,ç,éfl[,Á,í,È,□A,»,ìŽž,É%ÿ,³,ê,Ä,ç,é,©,Ç,æ  
,©,í”»è,đ•Ô,µ,Ü,·,ì,Á,²'^Ó,,¾,³,çB

**-ß,è'l**

|     |                      |
|-----|----------------------|
| 0   | fL[,º%oÿ,³,ê,Ä,ç,È,ç |
| 1   | fL[,º%oÿ,³,ê,Ä,ç,é   |
| 255 | fj%of[f^[,º•s'«      |

**—á**

GETKEYSTATE VK\_SHIFT

**ŽQ**

PAUSE

**CHOICE [/C[:]'I'ðŽ^] [/N] [/S] [/T[:]c,nn] [•ŕŽš—ñ]**

'I'ðŽ^,ì't,ìfL□[,"ü—í,<sup>3</sup>,ê,é,ì,ð'Ò,Á,Ä□A"ü—í,<sup>3</sup>,ê,½fL□[,ì'l,ð•Ô,μ,Û,·□B

^È%º,ìfìfvfVf†f",,áŽw'è,Á,«,Û,·(fìfvfVf†f"<y,Ñ•ŕŽš—  
ñ,ÆfìfvfVf†f",ìŠÔ,ìfXfy□[fX,ð<ó,¯,Ä,,¾,¾,¾,¾)□B

/C[:]'I'ðŽ^ 'I'ðŽ^,Æ,μ,Ä"ü—  
Í,ð□s,È,ì,é,éL□[,"ðŽw'è,μ,Û,·□BffftfHf<fg,Í YN ,Á,·□B  
/N fvf□f"fvfvg,Í□I,í,è,É'I'ðŽ^,Æ ? ,ð•\  
Žì,μ,Û,<sup>1</sup>,ñ□B  
/S ^Ó—i,<sup>a</sup>, ,è,Û,<sup>1</sup>,ñ□B  
/T[:]c,nn nn•bœ%ß,μ,½œã,Í'I'ðŽ^,ìŠù'è'l,ð c  
,ì•ŕŽš,ÉŕÝ'è,μ,Û,·□B  
•ŕŽš—ñ •\Žì,·,éfvf□f"fvfvg•ŕŽš—ñ,ðŽw'è,μ,Û,·□B

-ß,è'l(ERRORLEVEL),Æ,μ,Ä□A'I'ðŽ^,ì□æ"<sup>a</sup>,©,ç,ì□#□~,Á1,2,3...,ì□"l,<sup>a</sup>•Ô,è,Û,·□B

fpf%of□□[f^□[,"ð•t,¯,,ÉŽÀ□s,·,é,Æ□A

[Y,N]?

,ì•\Žì,É,È,è,Û,·□B  
,É,"□A"EXECUTEWIND OFF" □ó'Ô,Á,ì•ŕŽš—ñ,ì•\Žì,à□s,È,ç,Û,<sup>1</sup>,ñ,μ□AfL□["ü—  
ì,à'Ò,ç,Û,<sup>1</sup>,ñ□B,»,ì□ê□#,í CHOICEBUTTON ,ðŽg—p,μ,Ä,,¾,¾,¾,¾)□B

/T,ÁŽw'è,Á,«,é,ì,í0□`65535•b,ìŽžŠÔ,Á,·□B

•ŕŽš—ñ,ì□æ"<sup>a</sup>,É "/" ,ðŽw'è,·,éŽ—,í,Á,«,Û,<sup>1</sup>,ñ□B

DOS,ìCHOICE,Á,í/S,ð•t,¯,é,Æ'I'ðfL□[,ì'á•ŕŽš,Æ□→•ŕŽš,ð<æ•Ê,μ,Û,·,ª□A,»,ì<@"\  
,í, ,è,Û,<sup>1</sup>,ñ□B/S,ð•t,¯,Ä,à-¾Ž<,¾,è,Û,·□B

-ß,è'l

0 □` fšf^□[f""l  
255 fpf%of□□[f^□[.ìfGf%o□[

—á

CHOICE ,æ,ë,μ,ç,Á,·,©  
CHOICE /C:123456 1□`6,ì□"Žš,ð"ü—í,μ,Ä,,¾,¾,¾,¾  
CHOICE /C:123456 /T:1,10 1□`6,ì□"Žš,ð"ü—í,μ,Ä,,¾,¾,¾,¾

**ŽQ□I**  
CHOICEBUTTON  
PAUSE





**LET ŠÂ««•İ□”-¼=□””İĈvŽŽŽ®**

ŠÂ««•İ□”,ÉĈvŽŽĈ<%oÊ,đ’ă“ü,μ,Û,·□B

PRINTF ,ì•û,ª•;ŽG,ÈŽw’è,ª%oÂ”\,Â,·,ª□A10□i□”,¾,¯,ì%o  
%oŽŽĈ<%oÊ,đ’ă“ü,·,é,ì,É LET ,ÍŠÈ’P,È<L□q,Â’ă“ü,ª□s,È,ì,Û,·□B  
□””l,ìŽw’è•”•ª,Â,ì%o%oŽŽ,đŠÛ,ß,ĂŽw’è,ª,Â,«,Û,·□B(□””l,ìŽw’è•û-@)

**-ß,è’l**

0            □³□í□l—1  
254         ŠÂ««•İ□”,ì—ì^æ,ª’«,è,È,ç

**—á**

LET Y=128+1024\*16  
LET COUNT=COUNT+1  
LET X=RANDOM 10

**ŽQ□l**

SET  
SPRINTF

## PRINTF [^Ž® [^ø" [^ø""] ...]

[^Ž®,É],Á,Ä,·\Z|,ðs,È,ç,Ü,·BCÉ¾CEê,È,Ç,Ìprintf,ÆŽ—,½fRf}f“fh,Ä,·B

[^Ž®,É,í^È%º,|CE`Ž®,ªŽg—p,Ä,«,Ü,·B([,Á^í,í,ê,½€-Ú,ÍÈ—ª%Á\,Ä,·)B[^Ž®,Ä,Í%op·ŕŽš,ìâ-·ŕŽš,ª<æ·É,³,ê,Ü,·B

%%[-][#][0][width][.precision]type

|            |   |
|------------|---|
| %%         | ^ø",ì%ðŽš,ðšJžn(fofbf`“à,È,ì,Ä%,ðd,È,Ä,,¾,³,ç)        |
| -          | o—í,ðŕμ,í,É,μA o—í'í,ì%E'ª,ðwidth,ì's«ª0,â<ó",Ä-,,ß,é |
| #          | 16i" ,ì,Æ,«0x,Ü,½,Í0X,ð·t, ,Ä·\Z                      |
| 0          | o—í·,ªwidth,æ,è,È, ,ê,ì's«ª'0',Ä-,,ß,é                |
| width      | o—í·,ìÄ-í',ð10i" ,Äžw'è                               |
| .precision | ·ŕŽš—ñ,ìÄ'â·\Z '·,³,ðžw'è                             |
| type       | o—í,·,é“à—e,ðžw'è                                     |
| d, i       | (·,ŕt·t,«)10i®"                                       |
| u          | (·,ŕt,È,μ)®"  |
| x          | (·,ŕt,È,μ)16i" (ŕ-·ŕŽš)                               |
| X          | (·,ŕt,È,μ)16i" ('â·ŕŽš)                               |
| s          | ·ŕŽš—ñ  |
| %%         | %Ž©g(^ê,Ä,ì%,ðžw'è,·,é,É,Í%,ð4,Äd,È,é,±,Æ,É,È,è,Ü,·)  |

,Ü,½[^Ž®,É,í^È%º,ÌGfXfP[fv,ªŽg—p,Ä,«,Ü,·B

|           |                                       |
|-----------|---------------------------------------|
| \n        | %üs                                   |
| \g        | fxf<(SystemDefault,ÌTfEf“fh,ðÄŕ)      |
| \t        | f^fu(0x09)                            |
| \xNNNN    | 4CE...,Ü,Ä,ì16ifR[fh1·ŕŽš(ASCII,Šžžš) |
| \(ŠÄ««·i) | ŠÄ««·i",ì“à—e                         |
| \\        | \Ž©g                                  |

·,ŕt·t,«,ì""'í,à·\Z|,Ä,«,é,©,ÆŽv,ç,Ü,·,ªA, ,Ü,è^Ó-í,ª,È,ç,©,à'm,ê,Ü,¹,ñB""'í,ìžw'è·"ª,Ä,Í%º  
%ºŽž,ðšÜ,ß,Äžw'è,ª,Ä,«,Ü,·B("'í,ìžw'è·û-@)

·ŕŽš—ñžw'è(%s),ðžw'è,·,éê±,Íf\_fuf<fNfH[fef[fVf}f“("),Ä·ŕŽš—ñ,ð^í,Ä,Ä,-,¾,³,çB(—á: "STRINGS")

f}f@fCf<-¼,È,Ç,ª“ü,Ä,½ŠÄ««·i",â·ŕŽš—ñ,ð[^Ž®'ª,Äžg—p,·,é,ÆA<Lŕ,Ä,ÌGfXfP[fv·ŕŽš,Æ,μ,Ä,ì^—,ªs,È,í,ê,Ä,μ,Ü,ç,Ü,·,ì,ÄA%  
%s,Ä^ø",É,·,é,æ,ª,É,μ,Ä,,¾,³,çB

[^Ž®,É<ó"·ŕŽš,ª·K—v,Èê±f\_fuf<fNfH[fef[fVf}f“("),Ä[^Ž®,ð^í,Ä,Ä,-

,¾,³,ç□B(—á: "S•",Å %%d ĆĀ,łtf@fCf<,Å,·")  
□'Ž® ,¾, ,đf\_fuf<fNfH□[fe□[fvf#f" ,Å'í,Á,Ā□AfŠf\_fCfĆfNfg□o—  
í,đ□s,Ē,æ□ê□# ,í□A"strings" >filename ,l,æ,æ  
,Ē□AfŠf\_fCfĆfNfg<L□t,í'O,Ē^ê,Ā^Ē□ă,łXfy□[fX,đ<ó, ,Ā,,¾,³,ç□B

ĆĆ¾ĆĒĒ,ĀfTf□[fg,³,ê,Ā,ç,é,à,l,Ā,à□A,±,±,É□',©,ê,Ā,Ē,ç type(—  
á,l,łlongĆĒ^,âfloatĆĒ^,Ē,Ç) ,l"®□ì,ª•s^Ā'è,Ē,Ē,é%oĀ"□« ,ª ,è,Ů,·,ì,ĀŽw'è,μ,Ē,ç  
,Ā,,¾,³,ç□B

PRINTF,í \n ,đ•t, ,Ē, ,ê,Ī%oü□s□^—□,đ□s,Ē,ç,Ů,¹,ñ□B%oü□s,đ□s,Ē,æ•K—  
v,ª ,é□ê□# ,í□ĀĆă,Ē \n ,đ•t, ,Ā,,¾,³,ç□B

^ø□" ,Ē,íWinBatchEh,ĀŽg—p,Ā,« ,éfRf}f"fh<y,ŃŠO•"fRf}f"fh,àŽw'è,·,é,±  
,Ā,ª,Ā,« ,Ů,·('A,μŠO•"fRf}f"fh,íWinBatchEh—p,łft□[fefBfŠfefB□[ ^ĒŠO,í^Ó-í,ª ,è  
,Ů,¹,ñ)□B^ø□" ,ÉfRf}f"fh,đŽw'è,·,é□ê□# ,í□æ"ª,Ē '!' ,đŽæ,è□ž,Ů,ê,Ů,·□B  
GETCLOCK)□BfRf}f"fh,Ē<ó" ,ª•K—v,Ē□ê□# ,í '!' ^Ē□~ ,đ " " ,Ā'í,ç,Ů,·(—á: !"CD  
A:")□B  
^ø□" ,Ā'í,Ē,Ē,é□'Ž® ,ª "%%d"  
,Ē,Ç,ì□" 'l,Ā ,é□ê□# ,í□AfRf}f"fhŽĀ□sĆă,ìERRORLEVEL,ª□A"%%s" ,l•ųŽš—ñ,Ā ,é  
□ê□# ,łfRf}f"fhŽĀ□sŽž,łfofbf` ŽĀ□s%oæ-Ē,Ö,ì□o—í,ªŽæ,è□ž,Ů,ê,Ů,·□B  
fRf}f"fh,đ<N"® ,μ,½□ê□#□AERRORLEVEL,í□ĀĆă,łfRf}f"fh,Ē,æ,è•Ō,³,ê,½'l,Ā,Ē,  
è,Ů,·□B

fGfXfP□[fv,ì \(\ŠĀ<<•í□") ,đŽg—p,·,ê,ĪŠĀ<<•í□" ,đ"z—ñ"l,Ē^μ,æ,±,Ā,ª%oĀ"\  
,Ē,Ē,è,Ů,·□B—á,l,Ī DATA[1], DATA[2]... ,Ā,ç,æŠĀ<<•í□" ,Ē'í,ª'ă"ü,³,ê,Ā,ç,Ā"z—  
ñ,ì"YŽš,đ COUNT ,Ā,ç,æŠĀ<<•í□" ,ĀŽ,·,·,Ā,·,ê,Ī□A(DATA[%COUNT%]) ,Ā•K—  
v,ĒŠĀ<<•í□" ,l"à—e,đŽæ,è□o,¹,Ů,·□B

fGfXfP□[fv,ì \xNNNN ,đŽg—p,·,é□ê□# ,í□A^ø□"(%d,Ē,Ç),Ī^ê□ØŽg—p,Ā,« ,Ů,¹,ñ□B

**-ſ,è'l**  
, ,è,Ů,¹,ñ□B

**—á**  
PRINTF "%%d %oňŽĀ□s,đ□s,Ē,ç,Ů,·\n" %1  
PRINTF "Ć»□Ý,í %%02d Žž,Ā,·\n" %HOUR%  
PRINTF "Ć»□Ý,łfffBfĆfNfgfŠ,í %%s ,Ā,·\n" !CD  
PRINTF 'l'đ,³,ê,½ftf@fCf<,l%%s,Ā,· "%FNAME%"  
PRINTF "\x00\x01\x02" >datafile.dat

**ŽQ□l**  
ECHO  
SPRINTF

## SPRINTF ŠÂ««•İ”-¼ □Ž® [^ø” [^ø”] ...]

□Ž®,É],Á,ŠŠÂ««•İ”,É’ă“ü,ð□s,È,ç,Ü,·□BCĚ¾ĚĚ,È,Ç,İsprintf,ÆŽ—  
,½fRf}f“fh,Å,·□B

□o—Í,³,ê,éĚ<%oÊ,ª%o½,à,È,ç□ê□#□AŠÂ««•İ”,Í<ó,É,È,è,Ü,·(□í□œ,³,ê,Ü,·)□B

□Ž®,É,Í^È%o°,İĚ`Ž®,ªŽg—p,Å,«,Ü,·□B(□,Å^Í,í,ê,½□€-Ú,Í□È—ª%oÅ”\  
,Å,·)□B□Ž®,Å,Í%op•ŕŽš,Ì’â□-•ŕŽš,ª<æ•É,³,ê,Ü,·□B

%%[-][#][0][width][.precision]type

|            |  |
|------------|--|
| %%         | ^ø”,İ%oðŽš,ðšJžn(fofbf`“à,È,İ,Å%,ð□d,È,Ä,,¾,³,ç)               |
| -          | □o—Í,ð□ŕ’µ,İ,É,µ□A□o—Í’İ,İ%oE’x,ðwidth,İ’s’«•ª0,â<ó”’,Å-,,,ß,é |
| #          | 16□i□”,İ,Æ,«0x,Ü,½,Í0X,ð•t,~,Ä•\Ž!                             |
| 0          | □o—Í□,ªwidth,æ,è□,È,~,ê,İ’s’«•ª’0’,Å-,,,ß,é                    |
| width      | □o—Í□,İ□Å□-’İ,ð10□i□”,ÄŽw’è                                    |
| .precision | •ŕŽš—ñ,İ□Å’â•\Ž!’·,³,ðŽw’è                                     |
| type       | □o—Í,·,é“à—e,ðŽw’è   |
| d, i       | (•,□+•t,«)10□i□®□”   |
| u          | (•,□+È,µ)□®□”  |
| x          | (•,□+È,µ)16□i□”(□-•ŕŽš)  |
| X          | (•,□+È,µ)16□i□”(‘â•ŕŽš)  |
| s          | •ŕŽš—ñ   |
| %%         | %Ž©□g(^ê,Å,İ%,ðŽw’è,·,é,É,Í%,ð4,Å□d,È,é,±,Æ,É,È,è,Ü,·)         |

Ü,½□Ž®,É,Í^È%o°,İfGfXfP□[fv,ªŽg—p,Å,«,Ü,·□B

\xNNNN 4Ě...,Ü,Å,İ16□ifR□[fh1•ŕŽš(ASCII,ŠžŽš)  
\(ŠÂ««•İ”) ŠÂ««•İ”,İ“à—e  
\ \ Ž©□g

•,□+•t,«,İ□”’İ,à’ă“ü,Å,«,é,©,ÆŽv,ç,Ü,·,ª□A, ,Ü,è^Ó-İ,ª,È,ç  
,©,à’m,ê,Ü,¹,ñ□B□”’İ,İŽw’è•”•ª,Å,Í%o  
%oŽž,ðšÜ,ß,ÄŽw’è,ª,Å,«,Ü,·□B(□”’İ,İŽw’è•û-@)

•ŕŽš—ñŽw’è(%%s),ðŽw’è,·,é□ê□#,İf\_fuf<fnfH□[fe□[fvf}f“(“),Å•ŕŽš—ñ,ð^Í,Á,Ä,-  
,¾,³,ç□B(—á: "STRINGS")

ftf@fCf<-¼,È,Ç,ª“ü,Á,½ŠÂ««•İ”,â•ŕŽš—ñ,ð□Ž®’x,ÅŽg—  
p,·,é,Æ□A<L□+Å,İfGfXfP□[fv•ŕŽš,Æ,µ,Ä,İ□^—□,ª□s,É,í,ê,Ä,µ,Ü,ç,Ü,·,İ,Å□A%  
%s,Å^ø□”,É,·,é,æ,x,É,µ,Ä,,¾,³,ç□B

□Ž®,É<ó””•ŕŽš,ª•K—v,È□ê□#f\_fuf<fnfH□[fe□[fvf}f“(“),Å□Ž®,ð^Í,Á,Ä,-

,3/4,3,ç□B(—á: ""S•",Å %%d CEÅ,ìftf@fCf<,Å,·")

CE3/4CEê,ÅfTfj□[fg,3,ê,Ä,ç,é,à,ì,Å,à□A,±,±,É□',©,ê,Ä,È,ç type(—  
á,ì,ìlongCE^,âfloatCE^,È,Ç) ,í"®□ì,ª•s^À'è,É,È,é%oÅ"\□«,ª, ,è,Ü,·,ì,ÅŽw'è,μ,È,ç  
,Å,,3/4,3,ç□B

,Ü,1/2fGfXfP□[fvŽw'è,ì,α,ι□ã<L,É□',©,ê,Ä,ç,È,ç,à,ì(\n,È,Ç),íŽg—p,μ,È,ç,Å,-  
,3/4,3,ç□B

^ø□",É,íWinBatchEh,ÅŽg—p,Å,«,éfRf}f"fh<y,ÑŠO•"fRf}f"fh,àŽw'è,·,é,±  
,Æ,ª,Å,«,Ü,·('A,μŠO•"fRf}f"fh,íWinBatchEh—p,ìft□[fefBfŠfefB□[ ^ÈŠO,í^Ó-ì,ª, ,è  
,Ü,1,ñ)□B^ø□",ÉfRf}f"fh,ðŽw'è,·,é□ê□‡,í□æ"ª,É '!',ðŽw'è,μ,Å,,3/4,3,ç(—á: !  
GETCLOCK)□BfRf}f"fh,É<ó"" ,ª•K—v,É□ê□‡,í '!' ^È□~ ,ð " " ,Å^í,ç,Ü,·(—á: !"CD  
A:")□B

^ø□",Æ'í,É,È,é□'Ž®,ª ""%%d"  
,É,Ç,ì□""l,Å, ,é□ê□‡,í□A fRf}f"fhŽÀ□sCEã,ìERRORLEVEL,ª□A"%%s",ì•¶Žš—ñ,Å, ,é  
□ê□‡,ìfRf}f"fhŽÀ□sŽž,ìfofbf` ŽÀ□s%oæ—È,Ö,ì□o—í,ªŽæ,è□ž,Ü,ê,Ü,·□B  
fRf}f"fh,ð<N"® ,μ,1/2□ê□‡□AERRORLEVEL,í□ÅCEã,ìfRf}f"fh,É,æ,è•Ö,3,ê,1/2'l,Æ,È,  
è,Ü,·□B

fGfXfP□[fv,ì \(\ŠÅ««•ì□") ,ðŽg—p,·,ê,íŠÅ««•ì□",ð"z—ñ"l,É^μ,α,±,Æ,ª%oÅ"\  
,É,È,è,Ü,·□B—á,ì,ì DATA[1], DATA[2]... ,Æ,ç,αŠÅ««•ì□",É'l,ª'ã"ü,3,ê,Ä,ç,Ä"z—  
ñ,ì"YŽš,ð COUNT ,Æ,ç,αŠÅ««•ì□",ÅŽ!,·,Æ,·,ê,í□A\(\DATA[%COUNT%]) ,Å•K—  
v,ÈŠÅ««•ì□",ì"à—e,ðŽæ,è□o,1,Ü,·□B

**-B,è'l**

0 □³□í□l—1  
254 ŠÅ««•ì□",ì—ì^æ,ª'« ,è,È,ç

**—á**

PRINTF FNAME FILE%%04d.LOG %ERRORLEVEL%  
PRINTF COUNT %%d COUNT+1 (COUNT,ð1'□,â,·)  
PRINTF DTIME %%2d:%%02d:%%02d !GETCLOCK=GCL\_HOUR !  
GETCLOCK=GCL\_MINUTE !GETCLOCK=GCL\_SECOND

**ŽQ□l**

SET  
LET  
PRINTF

## GETCURRENT[=ftf%ofo] ŠĀ««•i□”-¼ [fhf%ofoCfu-¼]

fjfĀf“fgfhf%ofoCfu-¼,âfjfĀf“fgfffBfĀfNfgfŠ-  
¼,đŽæ“¾,μ,ĀŠĀ««•i□”,É’ă“ü,μ,Ü,·□B

Žæ“¾,Ā,«,È,ċ□ê□‡,ÍŠĀ««•i□”,Í<ó,É,È,è,Ü,·(□í□œ,³,ê,Ü,·)□B

fhf%ofoCfu-¼,đ□È—<sup>a</sup>,·,é,Æ□ACE»Ý,lfjfĀf“fgfhf%ofoCfu,É,È,è,Ü,·□B

ftf%ofoO,É,Í^È%oo,ì,à,ì,đŽw’è,Ā,«,Ü,·□B’è<`•ŲŽš—ñ,đŽg—p,μ,Ā,,¾,¾,ċ(’è<`•ŲŽš  
—ñ,í’á•ŲŽš,ĀŽw’è,μ,Ā,,¾,¾,ċ)□B

|              |   |                  |
|--------------|---|------------------|
| <’è<`•ŲŽš—ñ> | <žæ, è□o, ··”• <sup>a</sup> >   | (X:\PATH, İ□ê□‡) |
| Žw’è, È, μ   | fhf%ofoCfu-¼  | (X:)             |
| GCD_DRV      | fhf%ofoCfu-¼  | (X:)             |
| GCD_PATH     | fpfX  | (\PATH)          |
| GCD_PATH1    | fpfX\   | (\PATH\)         |
| GCD_DRVPATH  | fhf%ofoCfu+fpfX   | (X:\PATH)        |
| GCD_DRVPATH1 | fhf%ofoCfu+fpfX\  | (X:\PATH\)       |
| GCD_WINBATCH | WINBATCH.EXE/WINBAT32.EXE, İftf< fpfX-¼(X:\PATH\WINBATCH.EXE, X:\PATH\WINBAT32.EXE) |                  |

GCD\_WINBATCH,¾,·,í’ÁŽê,ÈŽw’è,Ā□AWINBATCH.EXE ,Ü,½,Í WINBAT32.EXE  
,İftf<fpfX-¼,đŽæ“¾,μ,Ü,·□B,±,İ□ê□‡fhf%ofoCfu-¼,đŽw’è,μ,Ā,à-³Ž<,³,ê,Ü,·□B

,È,“□AGCD\_DRV,đŽg—p,μ,Ā□A,³,ċ,Éfpf%ofo□□[f^□[,Éfhf%ofoCfu-¼,đ—  
^,İ,½□ê□‡□A—^,İ,½fhf%ofoCfu,<sup>a</sup>,»,ì,Ü,Ü’ă“ü,³,ê,Ü,·□B

fRf}f“fh-¼,Í GETCURENT ,Ā,à□\,ċ,Ü,<sup>1</sup>,ñ□B’Ô,è,<sup>a</sup>ŠÔ^á,Ā,Ā,ċ  
,é,ì,Ā,·,<sup>a</sup>□A1.21^È’O,İfo□[fWf†f“,Ā,Í,±,İŠÔ^á,Ā,½’Ô,è,İfRf}f“fh-  
¼,μ,© Žg,İ,Ü,<sup>1</sup>,ñ□B

### -Ų,è’l

|     |                                      |
|-----|--------------------------------------|
| 0   | □³□í□l— <sup>1</sup>                 |
| 1   | fhf%ofoCfu,İfGf%oo□[                 |
| 254 | ŠĀ««•i□”,İ—Í^æ, <sup>a</sup> «,è,È,ċ |
| 255 | fpf%ofo□□[f^□[, <sup>a</sup> •s’«    |

### —á

GETCURRENT DRIVE %1  
GETCURRENT=GCD\_PATH DRV\_C C:

## GETCLOCK[=ftf%ofO] [ŠĀ««•İ”-¼]

Œ»Ÿ,ì“ú•t,âŽž□□,đERRORLEVEL,É•Ô,μ,Û,·□B  
ŠĀ««•İ”-¼,žw'è,³,ê,é,Æ□A,»,ìŠĀ««•İ””,É'ă“ü,đ□s,È,ç,Û,·□B

ftf%ofO,É,í^È%oo,ì,à,ì,đŽw'è,Ā,«,Û,·□B'è<`•ŸŽš—ñ,đŽg—p,μ,Ā,,¾,¾,ç('è<`•ŸŽš  
—ñ,í'ă•ŸŽš,ĀŽw'è,μ,Ā,,¾,¾,ç)□B

|                    |                  |                  |
|--------------------|------------------|------------------|
| <'è<`•ŸŽš—ñ>       | <žæ, è□o, ··”•a> | (1995-05-30(‰Î)) |
| 14:20:31.12, İê□†) |                  |                  |
| Žw'è, È, μ         | “ú               | (30)             |
| GCL_YEAR           | ”N, İ‰2Œ...      | (95)             |
| GCL_YEAR4          | ”N(4Œ...)        | (1995)           |
| GCL_MONTH          | ŒŽ               | (5)              |
| GCL_DAY            | “ú               | (30)             |
| GCL_WEEK           | -j“ú(θ=“ú-j)     | (2)              |
| GCL_HOUR           | Žž               | (14)             |
| GCL_MINUTE         | •a               | (20)             |
| GCL_SECOND         | •b               | (31)             |
| GCL_MSEC           | f~fš•b           | (12)             |

f~fš•b,í<@Ží,É,æ,è•K,₀,ª•Ô,è,Û,·(PC98fVfš□[fY,ì^ê•”,È,ç)□B,Û,½•Ô,Ā,Ā,-  
,é<@Ží,Ā,à1/100•b'P^Ê,ì□,“x,μ,©Ž□,½,È,ç□ê□†,ª, ,è,Û,·□B

### -ß,è'l

0 □` 99 žæ“¾,μ,½'l  
254 ŠĀ««•İ””,ì—ì^æ,ª•s'«

### —á

GETCLOCK=GCL\_YEAR  
GETCLOCK ENV\_DAY  
GETCLOCK=GCL\_HOUR ENV\_HOUR  
PRINTF “%%02d”N%%02dŒŽ%%02“ú” !GETCLOCK=GCL\_YEAR !  
GETCLOCK=GCL\_MONTH !GETCLOCK=GCL\_DAY

### ŽQ□l

TIMESTAMP

## STRTokFILE[=ftf%ofo] ŠĀ««•İ”-¼ ftf<fpfX-¼

ftf<fpfX,Ā—^,ı,ç,ê,½ftf@fCf<-¼, ©,çftf%ofo,É[] ,Ā,ĀfpfX-¼,âftf@fCf<-¼,đŽæ,è[]o,μ,Ā[]AŠĀ««•İ” ,É’ă“ü,μ,Ü,·[]B

Žw’è,<sup>3</sup>,ê,½•”•<sup>a</sup>,<sup>a</sup>Ā© ,Ā, ©,ç,È,ç[]ê[]‡,ÍŠĀ««•İ” ,Í<ó,É,È,è,Ü,·( []í[]œ,<sup>3</sup>,ê,Ü,·)[]B

ftf%ofo,É,Í^È%oo,ì,à,ì,đŽw’è,Ā,«,Ü,·[]B’è<`•¶Žš—ñ,đŽg—p,μ,Ā,,¾,<sup>3</sup>,ç(’è<`•¶Žš—ñ,Í’ă•¶Žš,ĀŽw’è,μ,Ā,,¾,<sup>3</sup>,ç)[]B

|              |                              |                            |
|--------------|------------------------------|----------------------------|
| <’è<`•¶Žš—ñ> | <Žæ,è[]o,·•”• <sup>a</sup> > | <X:\PATH\NODE.EXT,İ[]ê[]‡> |
| Žw’è,È,μ     | ftf@fCf<-¼                   | (NODE.EXT)                 |
| STF_DRV      | fhf%fCfu+:                   | (X:)                       |
| STF_DRV1     | fhf%fCfu                     | (X)                        |
| STF_PATHNAME | fhf%fCfu^ÈŠO                 | (\PATH\NODE.EXT)           |
| STF_PATH     | \fpfX                        | (\PATH)                    |
| STF_PATH2    | \fpfX\                       | (\PATH\)                   |
| STF_NAME     | ftf@fCf<-¼                   | (NODE.EXT)                 |
| STF_NODE     | \fm[][fh                     | (\NODE)                    |
| STF_NODE1    | fm[][fh                      | (NODE)                     |
| STF_EXT      | Šg’fŽq                       | (EXT)                      |
| STF_EXT2     | .Šg’fŽq                      | (.EXT)                     |
| STF_SHORT    | ’Z,çftf@fCf<-¼,Ā[]^—[]       |                            |
| STF_LONG     | ’·,çftf@fCf<-¼,Ā[]^—[]       |                            |

**STF\_SHORT** , ,é,ç,Í **STF\_LONG** ,Í32frfbfgfo[][fWf‡f” ,Ā,ì,Ÿ^Ó-ı,đŽ[] ,ı,Ü,·(16frfbfgfo[][fWf‡f” ,Ā,ÍŽw’è,<sup>3</sup>,ê,Ā,à-<sup>3</sup>Ž<,μ,Ü,·)[]B,±,ê,ç,İftf%ofo,âŽw’è,<sup>3</sup>,ê,ê,Ā[]Aftf<fpfX-¼,â’¶[]Ÿ,·,é[]ê[]‡,É[]A’Z,çftf@fCf<-¼,Ü,½,Í’,çftf@fCf<-¼,É(ftf<fpfX’S’İ,đ)•İŠ·,μ,Ā[]^—[] ,đ[]s,È,ç,Ü,·[]Bftf<fpfX-¼,İŽw’èŽ©[]g,Í,Ç,ı,ç,İŽw’è,Ā,à[]\,ç,Ü,<sup>1</sup>,ñ,μ[]A[]—[]Ÿ,μ,Ā,à[]\,ç,Ü,<sup>1</sup>,ñ[]Bftf@fCf<,â’¶[]Ÿ,μ,È,ç[]ê[]‡,İftf<fpfX-¼,đ,»,ì,Ü,Ü[]^—[],μ,Ü,·[]B

### -ß,è’l

|     |   |
|-----|---|
| 0   | [] <sup>3</sup> []í[]l— <sup>1</sup>                    |
| 1   | Žæ,è[]o,·•”• <sup>a</sup> , <sup>a</sup> Ā© ,Ā, ©,ç,È,ç |
| 254 | ŠĀ««•İ” ,ì—ì^æ, <sup>a</sup> «,è,È,ç                    |
| 255 | fpf%ofo[][]f^[][, <sup>a</sup> •s’«                     |

### —á

STRTokFILE NAME %1  
STRTokFILE=STF\_DRV DRIVE %NAME%



**FILELINE ftj@fCf<-¼ [s]**

ftj@fCf<,ìs",Û,½,íŽw'è,ìs",Æ"äŠr,μ,½CE<%oÊ,ð•Ô,μ,Û,·B

ftj@fCf<,ìs",ÍERRORLEVEL,É•Ô,<sup>3</sup>,è,Û,·B^μ,ì,éÅ'á,ìs",í65534s,Å,·B'A,μ  
Å'á,«,Éftj@fCf<,Å,í^—,ÉŽžŠÔ,ð—v,μ,Û,·B

s",ðŽw'è,·,é,ÆAftj@fCf<,ìs",ÆŽw'è,ì"l,ð"äŠr,μ,Û,·B[s]",É,í0` 65535,  
Žw'è,Å,«,Û,·B

ftj@fCf<,ìŠe[s,í512fofCfg,Û,Å,ÉfŠf^ [f" fR [fh,ª"ü,Ä,Ä,ç,é•K—v,<sup>a</sup>, ,è,Û,·B512f  
ofCfg,ð%oz,ì,é[s,í,»,±,Å<æ∅,ç,è,Ä1[s,Æ,Ý,É,<sup>3</sup>,è,Û,·B

**-ß,è'l**

|       |       |   |
|-------|-------|---|
| 0     | 65533 | ftj@fCf<,ìs"                                |
| 65534 |       | ftj@fCf<,ìs",ª65534^Èã                      |
| 0     |       | (s"Žw'èŽž)Žw'è,ìs",æ,è¬, <sup>3</sup> ,ç    |
| 1     |       | (s"Žw'èŽž)Žw'è,ìs",Æ"™,μ,ç                  |
| 2     |       | (s"Žw'èŽž)Žw'è,ìs",æ,è'á,«,ç                |
| 65535 |       | fpf%of [f^ [l,ª•s'«Aftj@fCf<,ªCE©,Å,©,ç,È,ç |

**—á**

FILELINE C:\TMP\FILENAME.DAT  
FILELINE C:\TMP\FILENAME.DAT 100

**žQ**

FILESIZE  
LINPUTFILE

## LINPUTFILE ftf@fCf<-¼ □s”Ô† [ŠÂ<<•ï”-¼]

Žw’è,ìftf@fCf<,ì“Á’è,ì□s,đ”²,«□o,μ,Ä•\Ž|,μ,Ü,·□B

^μ,|,é□Á’â,ì□s□”,í65535□s,Â,·□B’A,μ□A’â,«,Éftf@fCf<,Â,í□^—□,ÉŽžŠÔ,đ—  
v,μ,Ü,·□B

ŠÂ<<•ï”-¼,ªŽw’è,³,ê,Ä,ç,ê,î”²,«□o,μ,½□s,đŠÂ<<•ï□”,É’ã“ü,μ,Ü,·□B

□s□”,ířŠf^□[f“fR□[fh’P^Ê,ÂŒvŽZ,³,ê,Ü,·□BŽw’è,³,ê,½□s,ªŒ©,Â,©,ç,È,-,ê,Î  
%½,à•\Ž|,ª□s,È,í,ê,Ü,¹,ñ□BŠÂ<<•ï□”,É’ã“ü,đ□s,È,Ä,Ä,ç  
,é□ê□‡,í<ó,É,È,è,Ü,·(□í□œ,³,ê,Ü,·)□B

ftf@fCf<,ìŠe□s,í512fofCfg,Ü,Â,ÉřŠf^□[f“fR□[fh,ª“ü,Ä,Ä,ç,é•K—v,ª, ,è,Ü,·□B512f  
ofCfg,đ%oz,|,é□s,í,»,±,Â<æ□Ø,ç,ê,Ä1□s,Æ,Ý,È,³,ê,Ü,·□B

### -ß,è’l

|     |                              |
|-----|------------------------------|
| 0   | □³□í□ —¹                     |
| 1   | Žw’è,ìftf@fCf<,ªŒ©,Â,©,ç,È,ç |
| 2   | Žw’è,ì□s,ªŒ©,Â,©,ç,È,ç       |
| 254 | ŠÂ<<•ï□”,ì—î^æ,ª•s’«         |
| 255 | fpf%of□□[f^□[.ífGf%o□[       |

### —á

LINPUTFILE FILENAME.TXT 1 LINE1

### ŽQ□l

FILELINE

**TIMESTAMP file1 file2**

**TIMESTAMP=ftf%ofo [/B] [/W,/C,/A] file**

2,Â,łftf@fCf<,łf^fCf€fXf^f“fv(□Å□□X□VŽž□□)  
,ł”äŠr□Aftf@fCf<,łf^fCf€fXf^f“fv,łŽæ“¾,đ□s,È,č,Ü,·□B

**TIMESTAMP file1 file2**

2,Â,łftf@fCf<,łf^fCf€fXf^f“fv(□Å□□X□VŽž□□),ł”äŠr,đ□s,È,č,Ü,·□B

”äŠr,đ□s,È,Á,½Ā<%oÊ,ÍERRORLEVEL,É•Ô,³,ê,Ü,·□B

**-B,è'I**

- 0 “-,ŋ
- 1 file1 ,ł•û,ª□V,μ,č
- 2 file2 ,ł•û,ª□V,μ,č
- 10 file1 ,ªĀ©,Â,©,č,È,č
- 20 file2 ,ªĀ©,Â,©,č,È,č
- 50 file1 fAfNfZfXfGf%o□[
- 60 file2 fAfNfZfXfGf%o□[
- 255 fpf%of□□[f^,ª•s'«

**—á**

TIMESTAMP A:FILENAME.DOC C:FILENAME.DOC

**TIMESTAMP=ftf%ofo [/W,/C,/A] [/B] file**

ftf@fCf<,łŽw'è,μ,½ftf%ofo,łf^fCf€fXf^f“fv,đERRORLEVEL,É•Ô,μ,Ü,·□B  
ftf%ofo,É,łŽæ“¾,μ,½,č“ú•t,âŽž□□,đŽw'è,μ,Ä,,¾,³,č□Bftf%ofo,É,Í^É  
%oº,ł,à,ł,đŽw'è,Â,«,Ü,·□B'è<`•ŋŽš—ň,đŽg—p,μ,Ä,,¾,³,č('è<`•ŋŽš—  
ň,ł'á•ŋŽš,ÁŽw'è,μ,Ä,,¾,³,č)□B

|                 |                |              |
|-----------------|----------------|--------------|
| <'è<`•ŋŽš—ň>    | <Žæ,è□o,••”•ª> | (1995-05-30) |
| 14:20:31,Ì□ê□‡) |                |              |
| GCL_YEAR        | ”N,Ì%º2Ā...    | (95)         |
| GCL_YEAR4       | ”N(4Ā...)      | (1995)       |
| GCL_MONTH       | ĀŽ             | (5)          |
| GCL_DAY         | “ú             | (30)         |
| GCL_HOUR        | Žž             | (14)         |
| GCL_MINUTE      | •ª             | (20)         |
| GCL_SECOND      | •b             | (31)         |
| (FAT, Å, Í30)   |                |              |

fłvfVfłf”Žw'è,É,æ,è□AŽæ,è□o,·f^fCf€fXf^f“fv,łŽw'è,đ□s,È,ł,Ü,·□B

/W ftf@fCf<, ÌÅI X V Žž ( f f f t f H f < f g )  
/C ftf@fCf<, Ì ì - Žž  
/A ftf@fCf<, Ö, ÌÅI f A f N f z f X Žž

/

**B**, ðŽw'è, , é, Æ ACE » Ý Žž, Æ f ^ f C f € f X f ^ f " f v, ð " ä Š r, μ, ½ " " l ( f t f @ f C f <, Ì Å I X V Žž Š Ö, È, Ç, ©, ç, Ç, ê, ¾, ¯ Ç e % o ß, μ, ½, © ), ð ERRORLEVEL, É • Ö, μ, Ü, • B  
• Ö, ³, ê, é " " l, l ' P ^ Ê, l f t f % o f O, l Ž w ' è, É ], ç, Ü, • B — á, l, l A f t f % o f O, É G C L \_ S E C O N D ( • b )  
, ð Ž w ' è, μ, Ä, ç, Ä A 1 • a 3 0 • b, l ^ á, ç, a, , é ê # ERRORLEVEL, É, l 9 0, a • Ö, ³, ê, Ü, • B " , ¶, -  
A f t f % o f O, É G C L \_ D A Y ( " ú ), ð Ž w ' è, μ, Ä, ç, Ä A 1 " N, l ^ á, ç, a, , é ê # 3 6 5 ( , Ü, ½, l 3 6 6 )  
, a • Ö, ³, ê, Ü, • B  
, È, " A E R R O R L E V E L, É • Ö, ³, ê, é l, l Å ' a 6 5 5 3 5, Å, , é, ½, ß A, ±  
, l l, ð ' , l, é " " l, l Å ³ l, É Ž æ " ¾, Å, «, Ü, ¹, ñ B  
, Ü, ½ A G C L \_ M O N T H ( Ç Ž )  
, l, Æ, «, l 1, © Ç Ž, ð 3 0 " ú A G C L \_ Y E A R, l, Æ, «, l 1 " N, ð 3 6 5 " ú, É Š • Ž Z, μ, Ä Ç v Ž Z, a s, È, í, ê  
, Ü, •, l, Å A, ±, ê, ç, l f t f % o f O, ð Ž g — p, μ, ½ ê #, l ' ½, l, , , ê, a ¶, ¶, é ê #, a, , è, Ü, • B

' ^ Ó:

f t f @ f C f < f v f X f e f € , a F A T, l ê # A f t f @ f C f <, l • b " , l 2 • b ' P ^ Ê, É, È, è, Ü, • B, Ü, ½ A /  
W ^ È Š Ö, l f l f v f v f # f " Ž w ' è, l Å ³, μ, ç " " l, É, È, è, Ü, ¹, ñ B  
1 6 f r f b f g f o [ f W f # f " , l ê # A / W ^ È Š Ö, l f l f v f v f # f " Ž w ' è, l ^ Ó -  
i, ð Ž, ç, Ü, ¹, ñ ( , •, x, Ä f t f @ f C f <, Ì Å I X V Žž, Å ^ —, ³, ê, Ü, • ) B

- ß, è ' l

0 ` • Ö, ³, ê, é l  
6 5 5 3 5 f p f % o f [ f ^ , a • s ' «, f t f @ f C f <, a Ç ©, Å, ©, ç, È, ç

— á

TIMESTAMP=GCL\_YEAR A:FILENAME.DOC  
TIMESTAMP=GCL\_DAY /B /A A:FILENAME.DOC

Ž Q I

FILESIZE

COPY

GETCLOCK

**FILESIZE [/B,/K,/M] [/E:ŠĀ<<•İ□"-¼] filename ["äŠr,-,éftfCfY]**

ftf@fCf<,İftfCfY,Ü,½,İŽw'è,İftfCfY,Æ"äŠr,μ,½CE<%oÊ,đ•Ô,μ,Ü,·□B

^È%o°,İfİfvfVf#f",<sup>a</sup>Žw'è,Ā,«,Ü,·(fİfvfVf#f"<y,Ñ•¶Žš—  
ñ,ÆfİfvfVf#f",İŠŌ,İfXfy□[fX,đ<ó, -,Ā,,¾,¾,¾,¾)□B

/B fofCfg'P^Ê,Ā□^—□,μ,Ü,·□B(ffftfHf<fg)  
/K fLf□fofCfg'P^Ê,Ā□^—  
□,μ,Ü,·□B(1fLf□fofCfg=1024fofCfg)  
/M f□fKfofCfg'P^Ê,Ā□^—  
□,μ,Ü,·□B(1f□fKfofCfg=1024fLf□fofCfg)

**/B,/K,/M,É,æ,è□A□^—**  
□,·,éftf@fCf<ftfCfY,İ'P^Ê,đŽw'è,Ā,«,Ü,·□BŽw'è,μ,½'P^Ê,Ā,İftfCfY,đERRORLEVEL  
,É•Ô,μ,Ü,·□Bftf@fCf<ftfCfY,İ□-□""\_-ç-ž,İ'l,İ□Ø,èŽİ,Ā,ç,è,Ü,·□B

**/E:ŠĀ<<•İ□"-¼,**<sup>a</sup>Žw'è,<sup>3</sup>,è,Ā,ç  
,é□ê□#f,İftf@fCf<,İftfCfY,đŠĀ<<•İ□",É'ă"ü,μ,Ü,·□B/E:NAME ,İ,æ,π,É /E ,É'±  
, -,ĀŠĀ<<•İ□"-¼,đŽw'è,μ,Ā,-  
,¾,¾,¾,¾□Bftf@fCf<ftfCfY,İžæ"<sup>¾</sup>,<sup>a</sup>,Ā,«,È,ç□ê□#□AŠĀ<<•İ□",Í<ó,É,È,è,Ü,·(□İ□œ,<sup>3</sup>,è,  
Ü,·)□BŠĀ<<•İ□",É'ă"ü,<sup>3</sup>,è,é□Ā'ăftfCfY,Í4GB,Ā,·(ERRORLEVEL,Æ,Í'á,ç□Ø,èŽİ,Ā,Í□  
s,È,í,è,Ü,<sup>1</sup>,ñ)□B

ftf@fCf<-  
¼,İŽŸ,É□""l,đŽw'è,·,é,Æ□AŽw'è,İftf@fCf<,Æ□""l,đ"äŠr,μ,½CE<%oÊ,đERRORLEVE  
L,É•Ô,μ,Ü,·□BŽw'è,Ā,«,é□Ā'ă,İ□""l,Í65535,Ā,·□B

**-ß,è'l**

ftf@fCf<ftfCfY,İžæ"<sup>¾</sup>:  
0 □` 65531 ftf@fCf<ftfCfY,İ□""l  
65532 ftf@fCf<,İftfCfY,<sup>a</sup>65532^È□ă  
65533 Žw'è,İftf@fCf<,<sup>a</sup>CE©,Ā,©,ç,È,ç  
65534 ŠĀ<<•İ□",İ—İ^æ,<sup>a</sup>•s'«  
65535 fpf%of□□[f^,İfGf%o□[  
ftf@fCf<ftfCfY,İ"äŠr:  
0 Žw'è,μ,½ftfCfY,æ,è□-<sup>3</sup>,ç  
1 Žw'è,μ,½ftfCfY,Æ""™,μ,ç  
2 Žw'è,μ,½ftfCfY,æ,è'ă,«,ç  
65533 Žw'è,İftf@fCf<,<sup>a</sup>CE©,Ā,©,ç,È,ç  
65535 fpf%of□□[f^,İfGf%o□[

**—á**

FILESIZE FILENAME.TXT  
FILESIZE /K /E:SIZE FILENAME.TXT

FILESIZE /M FILENAME.TXT 10

**žQ**

FILELINE

TIMESTAMP

## WHICH [/E:ŠĀ««•İ□”-¼] filename.exe

ŽÀ□sftf@fCf<,ì‘ŋ□Ý,đŠm”F,μ,Û,·□B

ftf@fCf<-¼,ÍJfĈf”fg, WINDOWS, Windows,Ì SYSTEM, WinBatchEh  
<N“®Žž,É□Ý’è,<sup>3</sup>,ê,Ä,ç,½ŠĀ««•İ□” PATH ,İfffBfĈfNfgfŠ(16frfbfgfo□[fWf#f“ ,Å,Í  
WinBatchEh “à,Å□Ý’è,μ,½ PATH ,ÍŽQ□Æ,μ,Û,<sup>1</sup>,ñ),đĈËŸ□ō,μ,Û,·□B

ftf@fCf<-¼,É,ÍŠg’£Žq,đŠÛ,ß,ÄŽw’è,·,é•K—v,<sup>a</sup>, ,è,Û,·□Bftf@fCf<-¼,ÍŽÀ□s%oÅ”\  
ftf@fCf<,Å,È,,Ä,à□\,ç,Û,<sup>1</sup>,ñ□B

/E:ŠĀ««•İ□”-¼,<sup>a</sup>Žw’è,<sup>3</sup>,ê,Ä,ç,é□ê□‡,Í□Aftf@fCf<,İftf<fpfX-  
¼,đŠĀ««•İ□”,É’ă“ü,μ,Û,·□B/E:NAME ,ì,æ,æ,É /E ,É’±, ,ÄŠĀ««•İ□”-¼,đŽw’è,μ,Ä,-  
,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ç□Bftf@fCf<,ä‘ŋ□Ý,μ,È,ç□ê□‡□AŠĀ««•İ□”,Í<ó,É,È,è,Û,·(□í□œ,<sup>3</sup>,ê,Û,·)□B

-ß,è’l

|     |                                   |
|-----|-----------------------------------|
| 0   | □ <sup>3</sup> □í□ — <sup>1</sup> |
| 1   | ftf@fCf<,ä‘ŋ□Ý,μ,È,ç              |
| 254 | ŠĀ««•İ□”,ì—í^æ, <sup>a</sup> •s’« |
| 255 | fpf%of□□[f^□[.İfGf%□□[            |

—á

WHICH CALC.EXE  
WHICH /E:PATHNAME CALC.EXE

## TEMPFILENAME [/P[:]Prefix] ŠÂ««•İ”-¼ [X:\PATH]

^êžžftf@fCf<-¼,ðžæ“¾,μ,Û,·B

Windows,ª^êžžftf@fCf<,ð”İ”-,·,é,ì,Æ”-,¶<K‘¥,ÅA^êžžftf@fCf<-¼,ðžæ“¾,μ,ÄASÂ««•İ””,É’ã“ü,μ,Û,·B

ftf@fCf<-¼,İftf<fpfX,ÅŠÂ««•İ””,É’ã“ü,¾,é,Û,·B

ftf@fCf<-¼,İžž””,É,à,Æ,Ä,ç,¼4•¶žš,İftf@fCf<-¼,Å,·B

Windows3.1,Å,Í,¾,ç,Éftf@fCf<-¼,İæ“ª,É’~’(f`f<f\_),ª•t,¯,ç,é,Û,·B

**X:\PATH**,ðžw’è,·,é,ÆAžw’è,İfhf%oofCfuAfpfX,É”İ”-,·,é^êžžftf@fCf<-¼,ðžæ“¾,μ,Û,·B,±,İžw’è,ª,É,¯,é,İWindows,İffftfHf<fg,İfffBfÆfNfgfŠ(\

WINDOWS\TEMP,â32frfbfg”Å,Å,İŠÂ««•İ””TEMP,İ“à—e),ªžg—p,¾,é,Û,·B

**/P**,É’±,¯,ÄPrefix,ðžw’è,·,é,ÆAPrefix,Éžw’è,μ,¼•¶žš—

ň,İæ“ª3•¶žš,ªA^êžžftf@fCf<-¼,İ’O,É•t,¯,ç,é,Û,·(3•¶žš,æ,è’·,ç•¶žš—

ň,ðžw’è,μ,Ä,àA3•¶žš,μ,©”Fž¯,¾,é,Û,¹,ň)B

,È,“Ažž””,ðÆ³,É,μ,Ä,ç,é,½,ßA•i””,İ^êžžftf@fCf<-¼,ð1“x,É“¾,È,ç,æ,π

,É,μ,Ä,¾,¾,ç(ftf@fCf<,ª¶”Y,μ,É,¯,é,İ”-¼,İftf@fCf<,ªo—Í,¾,é,ééé””,ª,è,Û,·)B

^êžžftf@fCf<-¼,İŠÂ««•İ””,É’ã“ü,¾,é,é,¾,¯,AžA””,É,İ”İ”-,ð”s,È,ç,Û,¹,ňB

ftf@fCf<-¼,ðžæ“¾,Å,«,É,çéé””,İŠÂ««•İ””,Í<ó,É,È,è,Û,·(İ”İæ,¾,é,Û,·)B

### -ß,è’l

, ,è,Û,¹,ňB

0           İ³ÍÍ—¹

1           fGf%o””[

255         fpf%oof””[f^””,ª•s’«

### —á

TEMPFILENAME TEMPNAME

TEMPFILENAME /P:ABC TEMPNAME

TEMPFILENAME /P:ABC TEMPNAME C:\TMP



## SLEEPTIME[=ftf%ofO]

Žw'è,μ,½•b□",Ü,½,Í□ó'Ô,É,È,é,Ü,Å"®□ì,ðŽ~,ß,Ü,·□B

## SLEEPTIME ,lfRf}f"fh^ê—

SLEEPTIME •b□"

Žw'è,μ,½•b□""®□ì,ðŽ~,ß,Ü,·□B

SLEEPTIME ON

Žw'è,μ,½Žž□□,Ü,Å"®□ì,ðŽ~,ß,Ü,·□B

SLEEPTIME ACTIVE

fofbf`fEfBf"fhfE,afAfNfefBfu,É,È,é,Ü,Å"®□ì,ðŽ~,ß,Ü,·□B

SLEEPTIME EXISTWINDOW

fEfBf"fhfE,ª'¶□Ý,·,éŠÔ(,Ü,½,Í'¶□Ý,μ,È,çŠÔ)"®□ì,ðŽ~,ß,Ü,·□B

ACTIVE^ÈŠO,ìŽw'è,ìŽž,íftf%ofO,É **KEYBREAK** ,Æ,ç,ªŽw'è,ð□s,È,ª  
,Æ□A'Ò,¿□ó'Ô't,Å,àfL□[,Ü,½,Í}fEfX,ì¶f{f^f",ª%oÝ,<sup>3</sup>,é,é,Æ□A'Ò,¿□ó'Ô,ð  
%oð□æ,μ,Ü,·□BKEYBREAK ,ðŽw'è,μ,½□ê□‡,Í ERRORLEVEL  
,É'l,ª•Ô,è,Ü,·,ª□AŽw'è,μ,È,©,Á,½□ê□‡,É,Í ERRORLEVEL ,Í^È'O,Ì'l,ì,Ü,Ü,Å,·□B

SLEEPTIME,Á'Ò<@,μ,Ä,ç,éŠÔ□Afn□[fhfEfFfA,É,æ,Á,Ä,í□A□È"d—

Íf,□[fh,É^Ú□s,·,éfpf□□[f}f□[fwf□f"fg<@"\,É,Ç,ªŽg—p,Å,«,É,ç□ê□‡,ª, ,è,Ü,·□B

## SLEEPTIME •b□"[m]

Žw'è,μ,½•b□""®□ì,ðŽ~,ß,Ü,·□B□ÅÆã,Ém,ð•t,¯,é,Æf~fŠ•b'P^Ê,Å□A"®□ì,ðŽ~,  
ß,Ü,·,ª□Afofbf`ŽÀ□s,Íf□[fo□[fwfbfh,ª, ,è,Ü,·,ì,Å, ,Ü,è,É,à□-,ª,É'P^Ê,Å,ì□³Šm,È"  
®□ì,ÍŠú'Ô,Å,«,Ü,<sup>1</sup>,ñ□B  
□"l,í□A'ã65535,Ü,ÅŽw'è%oÅ"\,Å,·□B

## SLEEPTIME ON HH:MM:SS

Žw'è,μ,½Žž□□,É,È,é,Ü,Å"®□ì,ðŽ~,ß,Ü,·□B

ŽžŠÔ,ìŽw'è,Í24ŽžŠÔ□§,ÅHH(Žž):MM(•ª):SS(•b),ì□‡,É□s,È,ç,Ü,·(—á

16:23:12)□B

Žž□□,ìŽw'è,Í"C^Ó,ì□ê□Š,Å□È—a,ª,Å,«,Ü,·□B□È—a,μ,½□"l,Í0,ª"ã"ü,<sup>3</sup>,é,Ü,·(—á

16:23,Æ□È—a,μ,½□ê□‡16:23:00,ìŽw'è,Æ"¯,¶,É,È,è,Ü,·)□B

## SLEEPTIME ACTIVE

fofbf`"à—e•\

Ž'fEfBf"fhfE,Ü,½,Ífofbf`ŽÀ□sfEfBf"fhfE,afAfNfefBfu,É,È,é,Ü,Å"®□ì,ðŽ~,ß,Ü,·□Bf  
Rf}f"fh,ðŽÀ□s,·,é,Æ,«,É,·,Å,ÉfAfNfefBfu,É,È,Á,Ä,ç,é□ê□‡,Í,·,®,ÉŽÝ,ì□s,É□i,p,±  
,Æ,É,È,è,Ü,·,ì,Å□AfofbfNfOf%of"fh,Å"®□ì,<sup>3</sup>,<sup>1</sup>,Ä,ç,é□ê□‡,ì,Ý^Ó-ì,ðŽ□,¿,Ü,·□B

**SLEEPTIME [NOT] EXISTWINDOW "fEfBf"fhfEf^fCfGf<"**  
**SLEEPTIME [NOT] EXISTWINDOWR "fEfBf"fhfEf^fCfGf<"**

Žw'è,³,ê,½fEfBf"fhfEf^fCfGf<,ªŕŕÝ,·,éšÔ"®ŕì,ðŽ~,ß,Û,·ŕBŽn,ß,©,çfEfBf"fhfE,  
ªŕŕÝ,µ,È,·,ê,î,·,®,ÉŽÝ,ìŕs,Éŕi,Ý,Û,·ŕBfEfBf"fhfEf^fCfGf<,ì,±  
,ìfRf}}f"fh,ðŽÀŕsŽž,ìfnf"fhf<,ðŽæ"¾,µ,ÁŠÄŽ<,ðŕs,È,ç  
,Û,·,ì,ÁfEfBf"fhfE,ª"jSü,³,ê,é,Û,Á"®ŕì,ªŽ~,Û,è,Û,·ŕB,Á,Û,èfEfBf"fhfEf^fCfGf<,ª,  
±,ìfRf}}f"fh<N"®'t,É·ìŕX,³,ê,Ä,à(—á,ì,ìftf@fCf<-¼"™)ŠÄŽ<,ð'±,·,é,±  
,Æ,É,È,è,Û,·ŕB

**NOT**,ð·t,·,é,ÆŕAfEfBf"fhfE,ªŕŕÝ,µ,È,çšÔŕA"®ŕì,ðŽ~,ß,Û,·ŕB

**EXISTWINDOW**,ìŽw'è,³,ê,½fEfBf"fhfEf^fCfGf<,ð'O·û^ê'v,Û,½,ìŒë·û^ê'v,Á  
Œÿŕð,µ,Ä·ŕŕÝ,·,ê,ì'±,·ŕŕ,ðŽÀŕs,µ,Û,·ŕBf^fCfGf<,ì

%op'âŕ→·ŕŕŽš,Æ"¼šp'Sšpfj^fjfi,ì"^-èŽ<,³,ê,Û,·(f^fCfGf<Œÿŕð,ìžd—)ŕB

**EXISTWINDOWR**,ìŽw'è,³,ê,½fEfBf"fhfEf^fCfGf<,ð³Šm,È,·,x,Á,ì·ŕŕŽš—

ñ,ÁŒÿŕð,µ,Ä·ŕŕÝ,·,ê,ì'±,·ŕŕ,ðŽÀŕs,µ,Û,·ŕB

%op'âŕ→·ŕŕŽš,â"¼šp'Sšpfj^fjfi,à<æ·È,³,ê,Û,·ŕB—á,ì,ìfEfBf"fhfEf^fCfGf<,Éš},ç  
,Ä,ç,éftf@fCf<-¼,ªšÛ,Û,ê,éêŕŕ,»ê,à<Lŕq,·,é·K—v,ª,·,è,Û,·ŕB

,à,µŕAfEfBf"fhfEf^fCfGf<,Á,ì,È,ŕAfNf%ofX-¼,ª,ì,©,Á,Ä,ç,éŕêŕŕ"®fNf%ofX-¼"

,Æ,·,ê,ìfNf%ofX-¼,É'í,·,éŕ^-ŕ,ªŕs,È,ì,Û,·ŕBfNf%ofX-¼,ðŽw'è,·,éêŕŕ,à

%op'âŕ→·ŕŕŽš,à"äSr,³,ê,Û,·,µŕA,±,ìŕêŕŕ'O·û^ê'v,Æ,ì,È,è,Û,¹,ñŕB

fnf"fhf<"Ôŕŕ,ª·ª,©,Á,Ä,ç,éêŕŕŕŕA"\$fnf"fhf<"Ôŕŕ"

,Æ,·,ê,ìŽw'è,ìfnf"fhf<"Ôŕŕ,ðŽŕ,ÁfEfBf"fhfE,É'í,·,éŕ^-

ŕ,ªŕs,È,ì,Û,·ŕBfnf"fhf<"Ôŕŕ,ì16ŕiŕ",ÁŽw'è,µ,Û,·ŕB

**-ß,è'l**

,,è,Û,¹,ñŕB (KEYBREAK-çŽw'èŽž)

0 (KEYBREAKŽw'èŽž)Žw'èŽžšÔ,ªŒo%oß

1 (KEYBREAKŽw'èŽž)f}fEfX,ìŕŕf{f^f",ª%oÿ,³,ê,½

3ŕ` 255 (KEYBREAKŽw'èŽž)%oÿ,³,ê,½fLŕ[,ì%o¼'zfRŕ[fh

**—á**

SLEEPTIME 10

SLEEPTIME 500m

SLEEPTIME=KEYBREAK 60

SLEEPTIME ON 12:15

SLEEPTIME ACTIVE

SLEEPTIME EXISTWINDOW "fŕf,' "

SLEEPTIME=KEYBREAK EXISTWINDOWR "fŕf,' - SETUP.TXT"

SLEEPTIME=KEYBREAK NOT EXISTWINDOW ""d`ì"

**ŽQŕ**

IF (IF EXISTWINDOW)

FINDWND

## ON ....

f[]fj...[][,È,Ç,đ'í,ñ,¾[]ê[]±,É"Á•Ê,È[]^—[],đ[]s,È,ç,Û,·[]B

### ON ,lfRf}f"fh^ê---

ON STOP GOTO

ON ENDESESSION GOTO

ON ABOUT MESSAGE

ON HELP

[fXfgfbfv]Žž,Éžw'è,lf%ofxf<,ÉfWfff"fv,μ,Û,·[]B

Windows,ª[]l—<sup>1</sup>Žž,Éžw'è,lf%ofxf<,ÉfWfff"fv,μ,Û,·[]B

[About],đ'í'đ,μ,½Žž,lf[]fbfZ[][fW,đžw'è,μ,Û,·[]B

[fwf<fv],đ'í'đ,μ,½,Æ,«,lftf@fCf<,đžw'è,μ,Û,·[]B

### ON STOP GOTO f%ofxf<

[fXfgfbfv]f[]fj...[][,đ'í'đ,μ,½[]ê[]±,Éžw'è,lf%ofxf<,ÉfWfff"fv,μ,Û,·[]B

f%ofxf<^È[]~ ,l[]^—[],í,» ,ì,Û,Ûfofbf`ftf@fCf<,đ[]l—<sup>1</sup>,·,é,æ,α,É,μ,Ä,-  
¾,¾,¾,ç[]B,Û,½'·,ç[]^—[],l[]s,È,í,È,ç,Ä,,¾,¾,¾,ç[]B

f[]fbf`"à,Ä'¼,lfofbf` ,É[]\$Æä,đ^Ú,μ,½[]ê[]±,í-

³Æø,É,È,è,Û,·[]BCALL•¶,Äfofbf` ,đÆÄ,Ñ[]o,μ,½[]ê[]±,l[]A'¼,lfofbf` ,ª"®[]ì,μ,Ä,ç  
,éŠÔ,í-³Æø,É,È,è,Û,·[]B

ON STOP GOTO ,đžw'è,·,é,Æ[]A[fXfgfbfv]f[]fj...[][,l^ê"x-

Ú,í'í'đ,Ä,l[fXfgfbfv]f[]fj...[][,í'í'đ%Ä"ó'Ó,ì,Û,Û[]Ažw'è,lf

%ofxf<,ÉfWfff"fv,μ,Û,·[]B[]Ä"x[fXfgfbfv]f[]fj...[][,đ'í'đ,·,é,Æfofbf` ,ª[]l—<sup>1</sup>,¾,è,Û,·[]B

-ß,è'í

, ,è,Û,<sup>1</sup>,ñ[]B

—á

ON STOP GOTO LABEL

ŽQ[]

GOTO

### ON ENDESESSION GOTO f%ofxf<

Windows,ª[]l—<sup>1</sup>,μ,æ,α,Æ,μ,½,Æ,« ,É[]Ažw'è,lf%ofxf<,ÉfWfff"fv,μ,Û,·[]B

•K—v,È[]^—[],ª[]l,í,Ä,½,ç[]AEXITWINDOWSfRf}f"fh,đžg—p,μ,ÄWindows,đ[]l—  
<sup>1</sup>,·,é,æ,α,É,μ,Ä,,¾,¾,¾,ç[]B[]l—<sup>1</sup>,<sup>1</sup>, ,Éfofbf` ,đ"², ,½[]ê[]±[]AWindows,í[]l—  
<sup>1</sup>,μ,Û,<sup>1</sup>,ñ[]B

f[]fbf`"à,Ä'¼,lfofbf` ,É[]\$Æä,đ^Ú,μ,½[]ê[]±,í-

³Æø,É,È,è,Û,·[]BCALL•¶,Äfofbf` ,đÆÄ,Ñ[]o,μ,½[]ê[]±,l[]A'¼,lfofbf` ,ª"®[]ì,μ,Ä,ç  
,éŠÔ,í-³Æø,É,È,è,Û,·[]B

, ±, ĺŽw'è, ð□s, È, Á, Ä, ç, é, Æ, «□AWinBatchEh, Å, ÍWindowsfvfXfef€, ©, ç, ĺ□—  
¹f□fbfZ□[fW, º"□s, ³, ê, ½, Æ, «, É□A□I—¹, Å, «, È, ç, Æ, ç  
, ¤•Ô"š, ð•Ô, µ, Ü, ·□B•Ô"š, ðŠÄŽ<, ·, éfvtfg, ðŽg—p, µ, Ä, ĺWindows□I—¹ŽŽ, É, Í-  
â'è, º"□□, ·, é, ©, à'm, ê, Ü, ¹, ñ, ĺ, Å, ²'□^Ô, ³/4, ³, ç□B

**-ß, è' I**

, , è, Ü, ¹, ñ□B

**—á**

ON ENDESESSION GOTO LABEL

**ŽQ□I**

GOTO

EXITWINDOWS

**ON ABOUT MESSAGE/MSG "f□fbfZ□[fW"**

**ON ABOUT MESSAGEF/MSGF "f□fbfZ□[fW"**

[About]f□fj...□[, ð'Í'ð, µ, ½□ê□±, ÉŽw'è, ĺf□fbfZ□[fW, ð•\Žĺ, µ, Ü, ·□B

f□fbfZ□[fW, ÍMESSAGEBOX, Æ"~ , ¶CE` , Å•\Žĺ, º□s, È, Í, ê, Ü, ·, º□Aftf  
%ofO, ĺŽw'è, È, Ç, Í□s, È, ĺ, Ü, ¹, ñ□Bfofbf` "à, Å'¼, ĺfofbf` , É□\$CEä, ð^Ú, µ, ½□ê□±, Å, àŽw'  
è, Í—LCEø, É, È, è, Ü, ·□B

**MESSAGE/MSG, Å, Í•¶Žš—ñ, ð, » , ĺ, Ü, Ü•\Žĺ, ð□s, È, ç, Ü, ·□BMESSAGEF/**

**MSGF, Å, ÍPRINTF , Æ"~ , ¶CE` Ž® , Å\n, È, Ç, ĺfGfXfP□[fv, ºŽg—**

p, Å, «, Ü, ·(fGfXfP□[fv, ĺ, Ý, Å%%d, È, Ç, ĺ^ø□" , ĺŽg—p, Å, «, Ü, ¹, ñ)□B, ±, è, É, æ, è•¶Žš—  
ñ, ĺ"r't, Å%ü□s, È, Ç, ð□s, È, ¤, ±, Æ, º, Å, «, Ü, ·□B

f□fbfZ□[fWf{fbfNfX, ĺf^fCfGF<, ĺfofbf` ftj@fCf<-¼, É, È, è, Ü, ·□B

**-ß, è' I**

, , è, Ü, ¹, ñ□B

**—á**

ON ABOUT MESSAGE "%0 Version 1.00"

ON ABOUT MESSAGEF "Version 1.00\nCopyright(C)1995 Y.Shimizu"

**ŽQ□I**

MESSAGEBOX, MSGBOX

PRINTF

**ON HELP [fwf<fvftj@fCf<-¼]**

[fwf<fv]f□fj...□[, ð'Í'ð, µ, ½□ê□±, ÉŽw'è, ĺfwf<fvftj@fCf<, ð•\Žĺ, µ, Ü, ·□B

"ON HELP fvf<fvftf@fCf<-¼" ,đŽÀ□s,·,é,Æ□A[fwf<fv]f□fjf...□[.ì[-ÚŽŸ]  
,đ'l,ñ,¾□ê□‡,É□AŽw'è,ìftf@fCf<,ÅWindows  
Help,đ<N"® ,μ,Û,·□B,Û,½□AfVfXfef€f□fjf...□[(fRf"fgf□□[f<f□fjf...□[),É [Help(&H)]  
,ª'Ç%oÁ,³,ê,Û,·□B

ftf@fCf<-¼,Ífofbf`'t,ÅfJfCEf"fgfpfX,ª·ï,í,é,È,ç,î□Aftf<fpfX,ÅŽw'è,·,é•K—v,ª, ,è,Û,·  
□B  
ftf@fCf<-¼,đŽw'è,μ,È,-,ê,î□A'Ê□í,ìWinBatchEh,ìfwf<fv,É-  
ß,è,Û,·□B•;□"Žw'è,μ,½□ê□‡□A□ÅCEã,ìŽw'è,ª—LCEø,É,È,è,Û,·□B

**-ß,è'l**  
, ,è,Û,¹,ñ□B

**—á**  
ON HELP C:\MYGOODS\SETUP.HLP

## STR fRf}f“fh fpf%of□□[f^

•ŇŽš—ň‘€ì,ð□s,É,ç,Û,·□B  
 STR,É‘±,¯,Á“®ì,ð□s,É,ƒfRf}f“fh-¼,ðŽw’è,μ□A,»„ê,¼,ê,lfRf}f“fh,É“K  
 %ož,μ,½fpf%of□□[f^□□,ìŽw’è,à□s,É,Á,Ä,,¾,¾,ç□B

## STR ,lfRf}f“fh^ê—

STR LEN •ŇŽš—ň,ì‘,¾,ð•Ô,μ,Û,·□B  
STR LEFT •ŇŽš—ň,ì□Ň,©,çŽw’è,ì•ŇŽš□“,ð”²,«□o,μ,Û,·□B  
STR RIGHT •ŇŽš—ň,ì%oE,©,çŽw’è,ì•ŇŽš□“,ð”²,«□o,μ,Û,·□B  
STR MID •ŇŽš—  
 ñ,ìŽw’è^Ê‘u,©,çŽw’è,ì•ŇŽš□“,ð”²,«□o,μ,Û,·□B  
STR UPR •ŇŽš—ň,ì%op•ŇŽš,ð‘â•ŇŽš,É•İŠ,μ,Û,·□B  
STR LWR •ŇŽš—ň,ì%op•ŇŽš,ð□→•ŇŽš,É•İŠ,μ,Û,·□B  
STR CHR •ŇŽš—ň“à,ÁŽw’è,ì•ŇŽš,â□Á□%o  
 ,ÉĎ»„ê,é^Ê‘u,ð’T,μ,Û,·□B  
STR RCHR •ŇŽš—  
 ñ“à,ÁŽw’è,ì•ŇŽš,â□ÁĎ»„ê,é^Ê‘u,ð’T,μ,Û,·□B  
STR STR •ŇŽš—ň1“à,Á•ŇŽš—ň2,â□Á□%o  
 ,ÉĎ»„ê,é^Ê‘u,ð’T,μ,Û,·□B  
STR ISTR(Û,½,ÍSTRI) STR,Æ“¯,Ň,Á,·,â%op‘â□→•ŇŽš,ì<æ•É,ð,μ,Û,¹,ň□B  
STR PBRK •ŇŽš—ň1“à,Á•ŇŽš—  
 ñ2“à,ì•ŇŽš,âĎ»„ê,é^Ê‘u,ð’T,μ,Û,·□B  
STR SPNP •ŇŽš—ň1“à,Á•ŇŽš—ň2“à,İŠY“-  
 ,μ,È,ç•ŇŽš,âĎ»„ê,é^Ê‘u,ð’T,μ,Û,·□B  
STR ADDSTR •ŇŽš—ň1“à,É•ŇŽš—ň2,âŇŇÝ,μ,È,¯,ê,İ~ĎĎ<,μ,Û,·□B  
STR ADDISTR(Û,½,ÍADDSTRI) ADDSTR,Æ“¯,Ň,Á,·,â  
 %op‘â□→•ŇŽš,ì<æ•É,ð,μ,Û,¹,ň□B  
STR DELSTR •ŇŽš—ň1“à,É•ŇŽš—ň2,âŇŇÝ,·,ê,İŽæ,è<Ž,è,Û,·□B  
STR DELISTR(Û,½,ÍDELSTRI) DELSTR,Æ“¯,Ň,Á,·,â  
 %op‘â□→•ŇŽš,ì<æ•É,ð,μ,Û,¹,ň□B  
STR ADDBACKSLASH •ŇŽš—ň,ì□ÁĎ»„ê,âfobfNfXf%ofbfVf...(\),Á,È,¯,ê,İ•t  
 %oÁ,μ,Û,·□B  
STR DELBACKSLASH •ŇŽš—ň,ì□ÁĎ»„ê,âfobfNfXf%ofbfVf...(\)  
 ,È,ç,İ□í□œ,μ,Û,·□B  
STR DELSPACE •ŇŽš—ň,ì‘OĎ»„ê,ÉfXfy□[fX•ŇŽš,â, ,ê,İ□í□œ,μ,Û,·□B  
STR CMP •ŇŽš—ň1“à,Æ•ŇŽš—ň2,ð”äŠr,μ,Û,·□B  
STR ICMP(Û,½,ÍCMPI) CMP,Æ“¯,Ň,Á,·,â%op‘â□→•ŇŽš,ì<æ•É,ð,μ,Û,¹,ň□B  
STR NCMP •ŇŽš—ň1,Æ•ŇŽš—  
 ñ2,ðŽw’è,ì•ŇŽš□““à,Á”äŠr,μ,Û,·□B  
STR NICMP(Û,½,ÍNCMPI) NCMP,Æ“¯,Ň,Á,·,â%op‘â□→•ŇŽš,ì<æ•É,ð,μ,Û,¹,ň□B

## STR fRf}f“fh%oð□à

‘½,,lfRf}f“fh,Á,lfpf%of□□[f^,ÉŽw’è,¾,ê,½ŠÁ««•İ□“,ÉĎ<%oÉ,ð‘ă“ü,μ,Û,·□B-

β,è'l(ERRORLEVEL),É,ÍŠÂ<<•İ" ,È,Ç,Éo—  
Í,ðs,È,Á,½•Źš" ,â"ü,³,ê,Ü,·BSTR,Å,ÍŠÂ<<•İ" ,ì—ì^æ,â"« ,è,È, ,Ä,àfGf  
%o[ ,ð•Ö,μ,Ü,¹,ñB

•Źš<y,Ñ•Źš—ñ,ðŸö,μ,Ä<%oÊ,ð"ü,·,éRf}f"fh(STR,CHR,È,Ç)  
,Å,Í'Éí,ÍŸö,Å©,Ä,©,Á,½•Źš^É~ ,ì"ü,ðs,È,ç,Ü,·,âASTR,É'±  
, ,ÄFRONT,Íftf%ofo,ðŽw'è(STR=FRONT ...),·,é,±  
,Æ,É,æ,èA©,Ä,©,Á,½•Źš^È'O,ì•Źš—ñ,ð"ü,·,é,±,Æ,â,Å,« ,Ü,·B  
—á,ì,ÍA"STR CHR ENV ABCDEF D" ,ÍŠÂ<<•İ"ENV,É "DEF"  
,â"ü,³,ê,Ü,·,âA"STR=FRONT CHR ENV ABCDEF D" ,Å,Í "ABC" ,â"ü,³,ê,Ü,·B

^ê•Źš,ðŽw'è,·,éRf}f"fh(CHR,È,Ç)  
,Å,ì•ŹšŽw'è,ÍA•ŹšŽ©g,ð¼ÜŽw'è,·,é,Ü,©,ÉA0xNN  
,Æ,μ,Ä16iŽw'è,à,Å,« ,Ü,·B,Ü,½ 'A' ,ì,æ,x  
,ÉVf"fof<fNfH[fe[fVf" ,Å^í,Ä,Ä,à\,ç,Ü,¹,ñB

## STR ,İšefRf}f"fh,ìÜx

### STR LEN "•Źš—ñ"

•Źš—ñ,ì',³,ðERRORLEVEL,É•Ô,μ,Ü,·B

—á

STR LEN "ABCD" (4,â•Ô,³,ê,é)

### STR LEFT ŠÂ<<•İ"-¼ "•Źš—ñ" "²,«o,•Źš"

•Źš—ñ,ìq,©,çŽw'è,ì•Źš" ,ð"²,«o,μ,ÄŠÂ<<•İ" ,É"ü,ðs,È,ç,Ü,·B

—á

STR LEFT ENV "ABCDEFGF" 3 ("ABC",â"ü,³,ê,é)

### STR RIGHT ŠÂ<<•İ"-¼ "•Źš—ñ" "²,«o,•Źš"

•Źš—ñ,ì%oE,©,çŽw'è,ì•Źš" ,ð"²,«o,μ,ÄŠÂ<<•İ" ,É"ü,ðs,È,ç,Ü,·B

—á

STR RIGHT ENV "ABCDEFGF" 3 ("EFG",â"ü,³,ê,é)

### STR MID ŠÂ<<•İ"-¼ "•Źš—ñ" [ŠŽn^Ê'u],[ "²,«o,•Źš"

•Źš—ñ,ìŽw'è^Ê'u,©,çŽw'è,ì•Źš" ,ð"²,«o,μ,ÄŠÂ<<•İ" ,É"ü,ðs,È,ç,Ü,·B  
ŠŽn^Ê'u,ðÉ—â,·,é,Ææ"â,ÉA"²,«o,•Źš" ,ðÉ—  
â,·,é,ÆŽc,è,ì'S•Źš" ,É,È,è,Ü,·B

—á

STR MID ENV "ABCDEFGG" 3 2 ("CD", a'ä"ü,³,ê,é)  
STR MID ENV "ABCDEFGG" ,2 ("AB", a'ä"ü,³,ê,é)  
STR MID ENV "ABCDEFGG" 5 ("EFG", a'ä"ü,³,ê,é)

### STR UPR ŠÂ««•ĭ" -¼ "•Źš—ň"

•Źš—ň,ì%op•Źš("¼Šp,ì1byte•Źš),đ'â•Źš,É•ĪŠ,μ,ÄŠÂ««•ĭ",É'ä"ü,đ□s,È,φ,Ü,·□B

—á

STR UPR ENV "AbCdE" ("ABCDE", a'ä"ü,³,ê,é)

### STR LWR ŠÂ««•ĭ" -¼ "•Źš—ň"

•Źš—ň,ì%op•Źš("¼Šp,ì1byte•Źš),đ□→•Źš,É•ĪŠ,μ,ÄŠÂ««•ĭ",É'ä"ü,đ□s,È,φ,Ü,·□B

—á

STR LWR ENV "AbCdE" ("abcde", a'ä"ü,³,ê,é)

### STR[=FRONT] CHR ŠÂ««•ĭ" -¼ "•Źš—ň" •Źš

•Źš—ň"à,ÅŽw'è,ì•Źš,â□Å□%o,ÉCE»,ê,é^Ê'u,đ'T,μ,Ä□A^È□~,ì•Źš—ň,đŠÂ««•ĭ",É'ä"ü,đ□s,È,φ,Ü,·□B•Źš,í%op'â□→•Źš,â<æ•Ê,³,ê,Ü,·□B

—á

STR CHR ENV "ABCDCEF" C ("CDCEF", a'ä"ü,³,ê,é)

STR=FRONT CHR ENV "ABCDCEF" C ("AB", a'ä"ü,³,ê,é)

### STR[=FRONT] RCHR ŠÂ««•ĭ" -¼ "•Źš—ň" •Źš

•Źš—ň"à,ÅŽw'è,ì•Źš,â□ÅCEä,ÉCE»,ê,é^Ê'u,đ'T,μ,Ä□A^È□~,ì•Źš—ň,đŠÂ««•ĭ",É'ä"ü,đ□s,È,φ,Ü,·□B•Źš,í%op'â□→•Źš,â<æ•Ê,³,ê,Ü,·□B

—á

STR RCHR ENV "ABCDCEF" C ("CDEF", a'ä"ü,³,ê,é)

### STR[=FRONT] STR ŠÂ««•ĭ" -¼ "•Źš—ň1" "•Źš—ň2"

•Źš—ň1"à,Å•Źš—ň2,ì•Źš—ň,â□Å□%o,ÉCE»,ê,é^Ê'u,đ'T,μ,Ä□A^È□~,ì•Źš—ň,đŠÂ««•ĭ",É'ä"ü,đ□s,È,φ,Ü,·□B•Źš—ň,í%op'â□→•Źš,â<æ•Ê,³,ê,Ü,·□B

—á

STR STR ENV "ABCDEF" "CDE" ("CDEF", a'ä"ü,³,ê,é)



**STR[=FRONT] ISTR(,Ü,½,ÍSTR) ŠÂ««•İ□”-¼ “•ŲŽš—ň1” “•ŲŽš—ň2”**  
•ŲŽš—ň1“à,Ā•ŲŽš—ň2,İ•ŲŽš—ň,ᳵ□Ā□%o,ÉŒ»„ê,é^Ê’u,đ  
%op’â□→•ŲŽš,đ<æ•Ê,¹,„É’T,μ,Ā□A^È□~„İ•ŲŽš—ň,đŠÂ««•İ□”„É’ă“ü,đ□s,È,ŕ  
,Ü,•□B

—á  
STR ISTR ENV "ABCDEF" "cDe" ("CDEF",ᳵ’ă“ü,³,ê,é)

**STR[=FRONT] PBRK ŠÂ««•İ□”-¼ “•ŲŽš—ň1” “•ŲŽš—ň2”**  
•ŲŽš—ň1“à,Ā•ŲŽš—ň2“à,İ,ŕ,„ê,©,İ•ŲŽš,ᳵ□Ā□%o  
,ÉŒ»„ê,é^Ê’u,đ’T,μ,Ā□A^È□~„İ•ŲŽš—ň,đŠÂ««•İ□”„É’ă“ü,đ□s,È,ŕ,Ü,•□B•ŲŽš—ň,İ  
%op’â□→•ŲŽš,ᳵ<æ•Ê,³,ê,Ü,•□B

—á  
STR PBRK ENV "ABCDEF" "CXZ" ("CDEF",ᳵ’ă“ü,³,ê,é)

**STR[=FRONT] SPNP ŠÂ««•İ□”-¼ “•ŲŽš—ň1” “•ŲŽš—ň2”**  
•ŲŽš—ň1“à,Ā•ŲŽš—ň2“à,İ,ŕ,„ê,İ•ŲŽš,É,àŠY“-„μ,È,ŕ•ŲŽš,ᳵ□Ā□%o  
,ÉŒ»„ê,é^Ê’u,đ’T,μ,Ā□A^È□~„İ•ŲŽš—ň,đŠÂ««•İ□”„É’ă“ü,đ□s,È,ŕ,Ü,•□B•ŲŽš—ň,İ  
%op’â□→•ŲŽš,ᳵ<æ•Ê,³,ê,Ü,•□B

—á  
STR SPNP ENV "ABCDEF" "ABCXZ" ("DEF",ᳵ’ă“ü,³,ê,é)

**STR ADDSTR ŠÂ««•İ□”-¼ “•ŲŽš—ň1” “•ŲŽš—ň2”**  
•ŲŽš—ň1“à,Ā•ŲŽš—ň2,İ•ŲŽš—ň,ᳵ□Ā□%o  
,ÉŒ»„ê,é^Ê’u,đ’T,μ,Ā□A’Ų□Ý,μ,È,~„ê,İ•ŲŽš—ň1,É•ŲŽš—  
ň2,đ~ACE<„μ,Ā’ă“ü,μ,Ü,•□B,•,Ā,É’Ų□Ý,•,é□ê□‡,İ•ŲŽš—  
ň1,đ,»„İ,Ü,Ü’ă“ü,μ,Ü,•□B•ŲŽš—ň,İ%op’â□→•ŲŽš,ᳵ<æ•Ê,³,ê,Ü,•□B

—á  
STR ADDSTR ENV "ABCD" "EFG" ("ABCDEFG",ᳵ’ă“ü,³,ê,é)  
STR ADDSTR ENV "ABCD" "CD" ("ABCD",ᳵ’ă“ü,³,ê,é)

**STR ADDISTR(,Ü,½,ÍADDSTR) ŠÂ««•İ□”-¼ “•ŲŽš—ň1” “•ŲŽš—ň2”**  
•ŲŽš—ň1“à,Ā•ŲŽš—ň2,İ•ŲŽš—ň,ᳵ□Ā□%o,ÉŒ»„ê,é^Ê’u,đ  
%op’â□→•ŲŽš,đ<æ•Ê,¹,„É’T,μ,Ā□A’Ų□Ý,μ,È,~„ê,İ•ŲŽš—ň1,É•ŲŽš—  
ň2,đ~ACE<„μ,Ā’ă“ü,μ,Ü,•□B,•,Ā,É’Ų□Ý,•,é□ê□‡,İ•ŲŽš—ň1,đ,»„İ,Ü,Ü’ă“ü,μ,Ü,•□B

—á  
STR ADDISTR ENV "ABCD" "efG" ("ABCDefG",ᳵ’ă“ü,³,ê,é)  
STR ADDISTR ENV "ABCD" "Cd" ("ABCD",ᳵ’ă“ü,³,ê,é)

### STR DELSTR ŠÂ««•ï" -¼ "•Źš—ñ1" "•Źš—ñ2"

•Źš—ñ1“à,Å•Źš—ñ2,ì•Źš—ñ,ªÅ%œ,ÉŒ».,ê,é^Ê'u,ð'T,µ,ÄA'Ÿ,.,ê,Î•Źš—ñ1,©,ç•Źš—ñ2,ðŽæ,è<Ž,Á,Ä'ã“ü,µ,Û,·B'Ÿ,µ,È,çê,Í•Źš—ñ1,ð,».,ì,Û,Û'ã“ü,µ,Û,·B•Źš—ñ,Í%op'â→•Źš,ªœ•Ê,³,ê,Û,·B

—á

STR DELSTR ENV "ABCD" "EFG" ("ABCD",ªã“ü,³,ê,é)  
STR DELSTR ENV "ABCDE" "CD" ("ABE",ªã“ü,³,ê,é)

### STR DELISTR(Û,½,ÍDELSTRI) ŠÂ««•ï" -¼ "•Źš—ñ1" "•Źš—ñ2"

•Źš—ñ1“à,Å•Źš—ñ2,ì•Źš—ñ,ªÅ%œ,ÉŒ».,ê,é^Ê'u,ð%op'â→•Źš,ðœ•Ê,¹,.,É'T,µ,ÄA'Ÿ,.,ê,Î•Źš—ñ1,©,ç•Źš—ñ2,ðŽæ,è<Ž,Á,Ä'ã“ü,µ,Û,·B'Ÿ,µ,È,çê,Í•Źš—ñ1,ð,».,ì,Û,Û'ã“ü,µ,Û,·B•Źš—ñ,Í%op'â→•Źš,ªœ•Ê,³,ê,Û,·B

—á

STR DELISTR ENV "ABCD" "efG" ("ABCD",ªã“ü,³,ê,é)  
STR DELISTR ENV "ABCDE" "Cd" ("ABE",ªã“ü,³,ê,é)

### STR ADDBACKSLASH ŠÂ««•ï" -¼ "•Źš—ñ"

•Źš—ñ,ðŠÂ««•ï",É'ã“ü,µ,Û,.,ªA•Źš—ñ,ìÅŒã,ªfobfNfXf%fbfVf...(\),È,È, -,ê,Î•t%oÁ,µ,½•Źš—ñ,ð'ã“ü,µ,Û,·B

—á

STR ADDBACKSLASH ENV "C:\USR" ("C:\USR",ªã“ü,³,ê,é)  
STR ADDBACKSLASH ENV "C:\USR\" ("C:\USR\",ªã“ü,³,ê,é)

### STR DELBACKSLASH ŠÂ««•ï" -¼ "•Źš—ñ"

•Źš—ñ,ðŠÂ««•ï",É'ã“ü,µ,Û,.,ªA•Źš—ñ,ìÅŒã,ªfobfNfXf%fbfVf...(\),È,ç,Î,».,ì•Źš,ðíœ,µ,½•Źš—ñ,ð'ã“ü,µ,Û,·B

—á

STR DELBACKSLASH ENV "C:\USR" ("C:\USR",ªã“ü,³,ê,é)  
STR DELBACKSLASH ENV "C:\USR\" ("C:\USR\",ªã“ü,³,ê,é)

### STR DELSPACE ŠÂ««•ï" -¼ "•Źš—ñ"

•Źš—ñ,ì'œã,ÉfXfy[fX•Źš("¼Sp/'SSp,ì<ó",Æf^fu),ª, ,ê,ÎAfXfy[fX•Źš,ðíœ,µ,ÄAŠÂ««•ï",É'ã“ü,µ,Û,·B

—á

STR DELSPACE ENV " File Name " ("File Name",<sup>a</sup>ä"ü,<sup>3</sup>ê,é)

**STR CMP "•ŕŽš—ň1" "•ŕŽš—ň2"**

•ŕŽš—ň1"à,Æ•ŕŽš—ň2,ď"äŠr,μ,Ä"̄,ŕ,È,ç,Î0,ď□A^á,|,Î1,ď•Ô,μ,Û,·□B•ŕŽš—ň,Í  
%op'â□→•ŕŽš,ä<æ•Ê,<sup>3</sup>ê,Ä"äŠr,<sup>3</sup>ê,Û,·□B

—á

STR CMP "ABCDEF" "ABCDEF" (0,<sup>a</sup>•Ô,<sup>3</sup>ê,é)

**STR ICMP(Û,½,ÍCMPI) "•ŕŽš—ň1" "•ŕŽš—ň2"**

•ŕŽš—ň1,Æ•ŕŽš—ň2,ď  
%op'â□→•ŕŽš,ď<æ•Ê,<sup>1</sup>,,É"äŠr,μ,Ä"̄,ŕ,È,ç,Î0,ď□A^á,|,Î1,ď•Ô,μ,Û,·□B

—á

STR ICMP "ABCDEF" "Abcdef" (0,<sup>a</sup>•Ô,<sup>3</sup>ê,é)

**STR NCMP "•ŕŽš—ň1" "•ŕŽš—ň2" •ŕŽš□"**

•ŕŽš—ň1,Æ•ŕŽš—  
ň2,ďŽw'è,ì•ŕŽš□""à,Ä"äŠr,μ,Ä"̄,ŕ,È,ç,Î0,ď□A^á,|,Î1,ď•Ô,μ,Û,·□B•ŕŽš—ň,Í  
%op'â□→•ŕŽš,ä<æ•Ê,<sup>3</sup>ê,Û,·□B

—á

STR NCMP "ABCDEF" "ABCD" 4 (0,<sup>a</sup>•Ô,<sup>3</sup>ê,é)

**STR NICMP(Û,½,ÍNCMPI) "•ŕŽš—ň1" "•ŕŽš—ň2" •ŕŽš□"**

•ŕŽš—ň1,Æ•ŕŽš—ň2,ď  
%op'â□→•ŕŽš,ď<æ•Ê,<sup>1</sup>,,ÉŽw'è,ì•ŕŽš□""à,Ä"äŠr,μ,Ä"̄,ŕ,È,ç,Î0,ď□A^á,|,Î1,ď•Ô,  
μ,Û,·□B

—á

STR NICMP "ABCDEF" "Abcd" 4 (0,<sup>a</sup>•Ô,<sup>3</sup>ê,é)

## DRV fRf}f“fh [fhf%oofCfu-¼]

fhf%oofCfuî•ñ, ðŽæ“¾, ðs, È, ç, Ü, ·B  
DRV, É'±, -, Ä“®î, ðs, È, fRf}f“fh-¼, ðŽw'è, µ, Ä,,¾,¾, çB,¾, ç, Éfhf%oofCfu-¼, ðŽw'è, ·, é, ÆŽw'è, fhf%oofCfu, îî•ñ, ðŽæ“¾, È, È, è, Ü, ·Bfhf%oofCfu-¼, ðŽw'è, µ, È, -, è, ífjCEf“fgfhf%oofCfu, îî•ñ, ðŽæ“¾, µ, Ü, ·Bfhf%oofCfu-¼, ðŽw'è, íæ“ª, ð1•ŕŽš, ð, Ý, ðŽg—p, µ, Ü, ·, ð, ÅfRf}f“ , âpfX-¼, æã, É'±, ç, Ä, à-¾Ž<, µ, Ü, ·B

## DRV ,ìfRf}f“fh^ê—

DRV TYPE fhf%oofCfu, ðf^fCfv, ðŽæ“¾, µ, Ü, ·B  
DRV READ fhf%oofCfu, ð“Ç, ÝŽæ, èf`fFbfN, ðs, È, ç, Ü, ·B  
DRV WRITE fhf%oofCfu, ð', «ž, Ýf`fFbfN, ðs, È, ç, Ü, ·B  
DRV LABEL f{fŠf... [f€f%ofxf<, ð\Ž!A”àŠr, ðs, È, ç, Ü, ·B

## DRV TYPE [fhf%oofCfu-¼]

fhf  
%oofCfu, ðf^fCfv, ðŽæ“¾, µ, Ü, ·B'A, µAfn [fhfffBfXfN, ©RAMfffBfXfN, ð”»'fAflfbfg  
f [fN, ©CD-ROM, ð”»'f, ðASÂ«« , È, æ, è³, µ, •Ô, ç, È, ç, èè±ª, , è, Ü, ·B

### -ß, è'l

- 0, 1 fhf%oofCfuî•ñ, ðŽæ“¾, Ä, «, È, ç
- 2 ftf [fbfs [ , È, Ç, ðŠf€ [f ofuf<fffBfXfN
- 3 fn [fhfffBfXfN, È, Ç, ðæðŠ•s%oA”\, ÈfffBfXfN
- 4 flfbfgf [fNfhf%oofCfu
- 5 CD-ROM
- 6 RAMfffBfXfN

### —á

DRV TYPE C:

## DRV READ [fhf%oofCfu-¼]

Žw'èfhf%oofCfu, ð“Ç, Ýžž, Ý,ª%oA”\, ©f`fFbfN, µ, Ü, ·B“K”-  
, Èftf@fCf<, ðf [fvf“ , ðfefXfg, ðs, È, ç, Ü, ·B

### -ß, è'l

- 0 “Ç, Ýžž, Ý%oA”\
- 1 fŠ [fhfGf%o [
- 10 fhf%oofCfu, ð€”öª, Ä, «, Ä, È, ç
- 11 ftfjfbfg,ªŕ [Ý, µ, È, ç

### —á

DRV READ C:

**DRV WRITE [fhf%ofCfu-1/4]**

Žw'èfhf%ofCfu,ì□',«□ž,Ý,ª%oÅ"\\,©f`fFfbfN,μ,Û,·□B^èžž"l,Èftf@fCf<,ðfhf  
%ofCfu,É□ì□¬,μ,·,®,É□í□œ,·,éfefXfg,ð□s,È,ç,Û,·□B

**-ß,è'l**

- 0 □',«□ž,Ý%oÅ"\\
- 1 fŠ□[fh□Af%ofCfGfGf%o□[
- 9 f%ofCfGfVf□fEfNfg,<sup>3</sup>,è,Ä,ç,é
- 10 fhf%ofCfu,ì□€"ð,<sup>ª</sup>,Å,«,Ä,È,ç
- 11 ftfjfbfg,<sup>ª</sup>'¶□Ý,μ,È,ç

**—á**

DRV WRITE C:

**DRV LABEL [/E[:]ŠÄ««•İ□"-1/4] [fhf%ofCfu-1/4][f%ofxf<-1/4]**

f{fŠf...□[f€f%ofxf<,ì•\Žì□A-1/4'O,ì"äŠr,ð□s,È,ç,Û,·□B

fhf%ofCfu-1/4,<sup>ª</sup>Žw'è,<sup>3</sup>,è,È,¬,è,îfjfcf"fgfhf%ofCfu,ì•\Žì,Û,1/2,ì"äŠr,É,È,è,Û,·□B

**f%ofxf<-1/4,ðŽw'è,μ,È,¬,è,î□Af{fŠf...□[f€f%ofxf<,ì•\Žì,ð□s,È,ç,Û,·□B**

**/E:ŠÄ««•İ□"-1/4,<sup>ª</sup>Žw'è,<sup>3</sup>,è,Ä,ç,é□é□‡,ì%oæ-È,É\**

Žì,<sup>1</sup>,<sup>3</sup>,ÉŠÄ««•İ□",É'ã"ü,μ,Û,·□B/E:NAME ,ì,æ,κ,É /E ,É'±,¬,ÄŠÄ««•İ□"-

1/4,ðŽw'è,μ,Ä,<sup>3/4</sup>,<sup>3</sup>,ç□Bf{fŠf...□[f€f

%ofxf<,ìžæ"<sup>3/4</sup>,<sup>ª</sup>,Å,«,È,ç□é□‡□AŠÄ««•İ□",ì<ó,É,È,è,Û,·(□í□œ,<sup>3</sup>,è,Û,·)□B

**f%ofxf<-1/4,ðŽw'è,·,é,Æf{fŠf...□[f€f**

%ofxf<,ì"äŠr,ð□s,È,Ä,Äœ<%oÉ,ðERRORLEVEL,É•Ô,μ,Û,·□Bf%ofxf<-1/4,ì

%op'â□¬•¶Žš,ð"¬^èž<,μ,Ä"äŠr,μ,Û,·□B

**-ß,è'l**

- 0 f%ofxf<,ð□³□í•\Žì□A"äŠr,ìœ<%oÉ,<sup>ª</sup>"¬,¶
- 1 "äŠr,ìœ<%oÉ,<sup>ª</sup>^á,κ
- 255 f{fŠf...□[f€f%ofxf<,<sup>ª</sup>,È,ç□Afhf%ofCfu,ìfGf%o□[

**—á**

DRV LABEL

DRV LABEL /E:LNAME C:

DRV LABEL C:MS-DOS\_6

**FINDWND[=ftf%ofO] fRf}f“fh [fpf%of[]f^]**

fEfBf“fhfE, ÌĈÿ[]ö, Ü, ½, í·\Ž!, ð[]s, È, ç, Ü, ·[]B  
FINDWND, É' ±, -, Á" ®[]i, ð[]s, È, æfRf}f“fh-¼, ðŽw'è, µ[]A, » , è, ¼, è, ÌfRf}f“fh, É“K  
%öž, µ, ½fpf%of[]f^[]i, ÌŽw'è, à[]s, È, Á, Ä, , ¾, ¾, ç[]B

FINDWND, Á, ÌĈÿ[]ö, ÌĈĉ, Á, ©, Á, ½, ·, x, Ä, ÌfEfBf“fhfE, âfNf%ofX-  
¼[]Afnf“fhf<”Ô[]t, ÌĈĉ<%öÉ, ð·Ô, µ, Ü, ·[]B^è, Á, ÌfAfvfŠfP[]fVf†f“, a·i[]”, Ì“- , ÌfEfBf“fhf  
Ef^fCfGf<, Ü, ½, ÌfNf%ofX-¼, ð·Ô, ·, ±, Æ, a, , è, Ü, ·[]B, Á, Ü, è·i[]”, ÌĈÿ[]ö, æqfbfg, µ, Ä, à  
[]A·i[]”, Ì“-^è, ÌfAfvfŠfP[]fVf†f“, æ<N“® , µ, Ä, ç, é, Æ, ÌĈĈ, è, Ü, ¹, ñ[]B  
fEfBf“fhfEf^fCfGf<, ð·\Ž!, ·, éfRf}f“fh, ðŽg—p, µ, Ä, ç  
, é[]ê[]†[]AfEfBf“fhfEf^fCfGf<, æ“ü, Á, Ä, ç, È, çfAfvfŠfP[]fVf†f“, Ìfqfbfg, µ, Ü, ¹, ñ[]B

FINDWND, Á, ÌĈÿ[]ö, Á, Ìfpf  
%of[]f^ , ÉfEfBf“fhfEf^fCfGf<, ðŽw'è, µ, ÄĈÿ[]ö, æ[]s, È, Ì, Ü, ·[]BfEfBf“fhfEf^fCfGf<, Ì  
%öop'â[]-·[]Žš, Æ“¼Šp'SŠpfJf^fJfi, Ì“-^èŽ<, ¾, è, Ü, ·[]BfEfBf“fhfEf^fCfGf<, Ì'O·ù^è'v,  
Ü, ½, ÌĈĈ·ù^è'v, ÁĈÿ[]ö, æ[]s, È, Ì, è, Ü, ·(f^fCfGf<Ĉÿ[]ö, ÌŽd—)[]B  
fNf%ofX-¼, a·a, ©, Á, Ä, ç, é[]ê[]†[]A"@fNf%ofX-¼" , Æ, ·, è, ÌfNf%ofX-¼, É'Î, ·, é[]^—  
[], æ[]s, È, Ì, Ü, ·[]BfNf%ofX-¼, ðŽw'è, ·, é[]ê[]†, à%öop'â[]-·[]Žš, à"äŠr, ¾, è, Ü, ·, µ[]A, ±  
, Ì[]ê[]†'O·ù^è'v, Æ, Ì, È, è, Ü, ¹, ñ[]B  
fnf“fhf<”Ô[]t, a·a, ©, Á, Ä, ç, é[]ê[]†[]A"\$fnf“fhf<”Ô[]t"  
, Æ, ·, è, ÌŽw'è, Ìfnf“fhf<”Ô[]t, ðŽ[], ÁfEfBf“fhfE, É'Î, ·, é[]^—  
[], æ[]s, È, Ì, Ü, ·[]Bfnf“fhf<”Ô[]t, Ì16[]i[]”, ÄŽw'è, µ, Ü, ·[]B  
ftf%ofO, É REAL , ðŽw'è, ·, é, ÆfEfBf“fhfEf^fCfGf<, Ì[]³Šm, ÈĈÿ[]ö, æ[]s, È, Ì, è, Ü, ·[]B, ±  
, Ì[]ê[]†%öop'â[]-·[]Žš, à"¼Šp'SŠpfJf^fJfi, à<æ·É, ¾, è, Ü, ·, µ[]Aftf@fCf<-¼, æĈĈ, É'±, -  
[]ê[]†, Ì, » , Ì·"·a, Ü, Á[]³Šm, É<L[]q, ·, é·K—v, a, , è, Ü, ·[]B  
fEfBf“fhfEf^fCfGf<, ðŽw'è, µ, È, -, è, Ì[]A, ·, x, Ä, ÌfAfvfŠfP[]fVf†f“, æqfbfg, µ, Ü, ·[]B

**FINDWND[=ftf%ofO] TITLEFIRST [/E[:]ŠÄ««·i[]”-¼]**

**["fEfBf“fhfEf^fCfGf<"]**

**FINDWND TITLNEXT [/E[:]ŠÄ««·i[]”-¼]**

**FINDWND[=ftf%ofO] CLASSFIRST [/E[:]ŠÄ««·i[]”-¼]**

**["fEfBf“fhfEf^fCfGf<"]**

**FINDWND CLASSNEXT [/E[:]ŠÄ««·i[]”-¼]**

**FINDWND[=ftf%ofO] HANDLEFIRST [/E[:]ŠÄ««·i[]”-¼]**

**["fEfBf“fhfEf^fCfGf<"]**

**FINDWND HANDLENEXT [/E[:]ŠÄ««·i[]”-¼]**

<N“® , µ, Ä, ç, é, ·, x, Ä, ÌfAfvfŠfP[]fVf†f“, ÌfEfBf“fhfEf^fCfGf<(TITLEFIRST/NEXT)  
, Ü, ½, ÌfNf%ofX-¼(CLASSFIRST/NEXT)[]Afnf“fhf<”Ô[]t(HANDLEFIRST/NEXT)  
, ÌĈÿ[]ö, ð[]s, È, ç, Ü, ·[]BĈÿ[]ö, µ, ½Ĉĉ<%öÉ, Ì%öæ-É, É·\Ž!, ¾, è, Ü, ·[]B  
/E:ŠÄ««·i[]”-¼, æŽw'è, ¾, è, Ä, ç, é[]ê[]†, Ì%öæ-É, É·\  
Ž!, ¹, , ÉŠÄ««·i[]”, É'ä“ü, µ, Ü, ·[]B/E:NAME , Ì, æ, æ, É /E , É'±, -, ÄŠÄ««·i[]”-  
¼, ðŽw'è, µ, Ä, , ¾, ¾, ç[]B

Œÿŕŕ,ÍŽn,β,É xxxxxFIRST ,đ•K—v,È,çfEfBf“fhfEf^fCfjf<,đŽw’è,μ,Äŕs,È,çŕA’±  
, ,ÄŒÿŕŕ,đŕs,È,ŕ,È,ç,Î xxxxxNEXT ,đŕs,È,ç  
,Ü,.(xxxxxNEXT,Ä,íxxxxxFIND,ìŒ<%œÉ,ÉŠî,Ä,ç,ÄŒÿŕŕ,đŕs,È,ŕ  
,ì,ÄfEfBf“fhfEf^fCfjf<,ìŽw’è,Í•K—v, ,è,Ü,<sup>1</sup>,ñŕB—á,ì,ÍŽÿ,ì—l,Éfofbf` ,ì—  
—,é,É,È,è,Ü,ŕB

```
FINDWND=REAL TITLEFIRST /E:NAME "WinBatchEh"  
IF ERRORLEVEL 1 GOTO END  
:LOOP  
ECHO Œ©,Ä,ŕ,½f^fCfjf<... %NAME%  
FINDWND TITLENEXT /E:NAME  
IF NOT ERRORLEVEL 1 GOTO LOOP  
:END
```

xxxxxFIRST,ÆxxxxxNEXT,đŕs,È,ŕŠÔ,ÉfEfBf“fhfE,ì•ï%œ»,<sup>a</sup>, ,é,ÆŕAŕ<sup>3</sup>Šm,ÉŒÿŕŕŕ  
,<sup>a</sup>ŕs,È,ì,È,,È,è,Ü,ŕB

```
ERRORLEVEL,É,ÍŽæ“¾,Ä,«,é,î 0 ,đŕAŽæ“¾,Ä,«,È,ŕ,é,î 1 ,đ•Ô,μ,Ü,ŕB  
/E:ŠÄ««•ïŕ”-¾,đŽw’è,μ,Ä,ç  
,ÄŽæ“¾,a,Ä,«,È,çŕêŕŕAŠÄ««•ïŕ”,íó,É,È,è,Ü,.(ŕŕœ,3,é,Ü,ŕ)ŕB
```

—á

```
FINDWND TITLEFIRST /E:NAME"  
FINDWND TITLEFIRST /E:TNAME "Win"  
FINDWND TITLENEXT /E:TNAME  
FINDWND=REAL CLASSFIRST "WinBatchEh - SAMPLE.BAT"  
FINDWND HANDLEFIRST @WinBatchEhExec
```

```
FINDWND[=ftf%œfO] TITLEDSP ["fEfBf“fhfEf^fCfjf<"]  
FINDWND[=ftf%œfO] CLASSDSP ["fEfBf“fhfEf^fCfjf<"]  
FINDWND[=ftf%œfO] HANDLEDSP ["fEfBf“fhfEf^fCfjf<"]  
FINDWND[=ftf%œfO] ALLDSP ["fEfBf“fhfEf^fCfjf<"]  
Œÿŕŕ,đŕs,È,Ä,½Œ<%œÉfqfbfg,μ,½,ŕ,x,Ä,ìfAfvfŠfPŕ[fVfŕf“ ,ìfEfBf“fhfEf^fCfjf<(TI  
TLEDSP),Ü,½,ìfNf%œfX-  
¾(CLASSDSP)ŕAfnf“fhf<”Ôŕ†(HANDLEDSP)ŕA’Sŕî•ñ(ALLDSP),ì%œ—É,Ö,ì•\  
Ž,đŕs,È,ç,Ü,ŕB
```

```
ERRORLEVEL,É,ì•Ž!,μ,½fjfEf“fgŕ”,đ•Ô,μ,Ü,ŕB
```

—á

```
FINDWND TITLEDSP "Win"  
FINDWND=REAL CLASSDSP "WinBatchEh - SAMPLE.BAT"  
FINDWND ALLDSP
```

## GETCURSORPOS ŠĀ«•İ”(X) ŠĀ«•İ”(Y)

f}fEfXfj[f\<,ìĒ»Ÿ^Ê'u,đŽæ“¾,μ,Û,·B

ŠĀ«•İ”X,ÆY,É,Í,»,ê,¼,ê%œ-Êă,ìÀ•W'l(fXfNfŠ[f“À•W),“ü,è,Û,·B(—  
á,ì,î%œ-Ê,ìTfCfY,ª 640~480 ,Å, ,ê,î ¶¶ă,ª X=0, Y=0A%œE%œ,ª X=639,  
Y=479 ,Æ,È,è,Û,·)B

-ß,è'l

0 ¶³í|—<sup>1</sup>  
254 ŠĀ«•İ”,ì-ì^æ,ª•s'«

—á

GETCURSORPOS XPOS YPOS

ŽQ|

SETCURSORPOS

CLIPCURSOR



**SETCURSORPOS[=ftf%fo] [/W[:]"fEfBf"fhfEf^fCfjf<"] X Y**

f}fEfXfj[f^f<,î^Ê'u,ðÿ'è,µ,Û,·B

X,ÆY,É,í%æ-Êã,ìÀ•W'(fXfNfš[f"À•W),ðÿ'è,µ,Û,·B(-á,í,í%æ-Ê,ìfTfCfY,<sup>a</sup> 640~480 ,Å, ,ê,î [fã,<sup>a</sup> X=0, Y=0[A%E%<sup>o</sup>,<sup>a</sup> X=639, Y=479 ,Æ,È,è,Û,·)B

%æ-Ê,ìfTfCfY,ð' ,í,é,Æ%æ-Êã,Å^è"Ô'â,«,È'l,î^Ê'u,É,È,è,Û,·B

/W,ðŽw'è,·,é,ÆAŽw'è,ìfEfBf"fhfE,ìf<÷,©,ç,î^Ê'u,Éfj[f^f<^Ê'u,ðÿ'è,µ,Û,·B/W,É'±,·,ÄfEfBf"fhfEf^fCfjf<,ðŽw'è,µ,Û,·B fEfBf"fhfEf^fCfjf<,ì

%op'â[·•Źš,Æ"¼Šp'Sšpfj^fjfi,í"^-êŽ<,<sup>3</sup>,ê,Û,·BfEfBf"fhfEf^fCfjf<,í'O•û^ê'v, Û,½,í,æã•û^ê'v,ÅÆÿ[ð,<sup>a</sup>s,È,í,è,Û,·(f^fCfjf<Æÿ[ð,ìŽd-ì)B

fNf%ofX-¼,<sup>a</sup>•<sup>a</sup>,©,Á,Ä,ç,é[ê[±A"@fNf%ofX-¼" ,Æ,·,ê,ìfNf%ofX-¼,É'î,·,é[^- [s,È,í,Û,·BfNf%ofX-¼,ðŽw'è,·,é[ê[±,à%op'â[·•Źš,à"äŠr,<sup>3</sup>,ê,Û,·,µ[A,± ,ì[ê[±O•û^ê'v,Æ,í,È,è,Û,<sup>1</sup>,ñB

fnf"fhf<"Ô[±,<sup>a</sup>•<sup>a</sup>,©,Á,Ä,ç,é[ê[±A"\$fnf"fhf<"Ô[±" ,Æ,·,ê,ìŽw'è,ìfnf"fhf<"Ô[±,ðŽ[ÄfEfBf"fhfE,É'î,·,é[^- [s,È,í,Û,·Bfnf"fhf<"Ô[±,í16[i",ÅŽw'è,µ,Û,·B

ftf%ofO,É REAL ,ðŽw'è,·,é,ÆfEfBf"fhfEf^fCfjf<,í[<sup>3</sup>Šm,ÈÆÿ[ð,<sup>a</sup>s,È,í,è,Û,·B,± ,ì[ê[±%op'â[·•Źš,â"¼Šp'Sšpfj^fjfi,à<æ•É,<sup>3</sup>,ê,Û,·,µ[Aftf@fCf<-¼,<sup>a</sup>Æã,É'±,- [ê[±,í,» ,ì"•<sup>a</sup>,Û,Å[<sup>3</sup>Šm,É<L[q,·,é•K-v,<sup>a</sup> ,è,Û,·B

**-B,è'l**

- 0 [³[í[—<sup>1</sup>
- 253 Žw'è,ìfEfBf"fhfE,<sup>a</sup>Æ©,Á,©,ç,È,ç(/WŽw'èŽž)
- 255 fpf%of[[f^[[,<sup>a</sup>•s'«

**-á**

SETCURSORPOS 320 240  
SETCURSORPOS /W:"d'ì 120 240  
SETCURSORPOS=REAL /W:"WinBatchEh - (-<sup>3</sup>'è)" 100 100

**ŽQ[**

GETCURSORPOS  
CLIPCURSOR

## CLIPCURSOR [LEFT TOP RIGHT BOTTOM]

f}fEfXfj[f]f<,ì^Ú“®%oÂ“\,È”í^í,đY’è,μ,Û,·□B

^Ú“®%oÂ“\,Æ,·,é”í^í,đXfNfš[f“],ìÀ•W(0`%oæ-ÊfTfCfY)  
,Å□ALEFT(□¶)□ATOP(□ã)□ARIGHT(%oE)□ABOTTOM(%oº),ì¶,É□AŽw’è,μ,Û,·□B  
fRf}f“fhŽÀ□sĚã□Af}fEfXfj[f]f<,íŽw’è”í^í,ì¶□ã,ì^Ê’u,É,È,è,Û,·□B

,·,×,Ä,ìÀ•W,ìŽw’è,<sup>²</sup>,È,¯,ê,î□A^Ú“®”í^í,đffXfNfgfbfv,ì’ã,«,<sup>³</sup>,É-ß,μ,Û,·□B

fofbf^,<sup>²</sup>□|—<sup>1</sup>,μ,Ä,à□A^Ú“®%oÂ“\,È”í^í,ìŽw’è,íĚp’±,μ,<sup>1</sup>/<sub>2</sub>,Û,Û,É,È,è,Û,·,ì,Å□A•K—  
v,É□^—□,<sup>²</sup>□|,í,Ä,<sup>1</sup>/<sub>2</sub>,ç•K, ,fffXfNfgfbfv,ì’ã,«,<sup>³</sup>,É”í^í,đ-ß,μ,Ä,,<sup>3</sup>/<sub>4</sub>,<sup>³</sup>,ç□B

-ß,è’l

0            □<sup>3</sup>□í□|—<sup>1</sup>  
255           fpf%of□□[f^□|,<sup>²</sup>•s’«

—á

CLIPCURSOR 100 200 200 400

CLIPCURSOR

ŽQ□l

GETCURSORPOS

SETCURSORPOS

## GETFOCUS [/T,/C,/H] ŠĀ«•İ”-¼

Œ»ŸftfH[fjfX,ŸŸ'è,³,ê,½fEfBf“fhfE,ìŸî•ň,ðŽæ“¾,μ,Û,·B

Žæ“¾,·,é“à—e,lfjfvfVfj“,ĂŽw'è,μ,Û,·B^È%º,lfjfvfVfj“,ĂŽw'è,Ă,«,Û,·B

/T f^fCf g f < -¼, ðŽæ“¾, μ, Û, ·B (f f f t f H f < f g)

/C fNf% fX-¼, ðŽæ“¾, μ, Û, ·B

/H f n f “ f h f < ” Ő t , ð Ž æ “ ¾ , μ , Û , · B

lfjfvfVfj“,ĂŽw'è,μ,½Ÿî•ň,ŸŠĀ«•İ”,ÉŸŸ'è,³,ê,Û,·B

ftfH[fjfX,ŸŸ'è,³,ê,½fEfBf“fhfE,ŸŸŸŸ,μ,È,çêŸŸAERRORLEVEL,É253,ŸŸ'è,³,ê  
ŸŠĀ«•İ”,Íó,É,È,è,Û,·(ŸŸœ,³,ê,Û,·)B

fEfBf“fhfE,ìŸî•ň,ðŽæ“¾,Ă,«,É,çêŸŸ,âAfEfBf“fhfE f^fCf g f < ,È,Ç,ŸŸ'è,³,ê,Ă,ç  
,È,çêŸŸ,ÍAERRORLEVEL,É0,ŸŸ'è,³,êŸŠĀ«•İ”,Íó,É,È,è,Û,·(ŸŸœ,³,ê,Û,·)B

### -Œ,è'l

0 ŸŸŸŸ—¹  
253 ftfH[fjfX,ŸŸ'è,³,ê,½fEfBf“fhfE,ŸŸŸŸ,μ,È,ç  
254 ŠĀ«•İ”,ì—ì^æ,Ÿ•s'«  
255 f p f % o f Ÿ Ÿ [ f ^ Ÿ [ , Ÿ • s ' «

### —á

GETFOCUS ENVNAME  
GETFOCUS /C CLASSNAME

### ŽQŸI

SETFOCUS

## SETFOCUS[=ftf%ofO] ["fEfBf"fhfEf^fCfjf<"]

Žw'è,lfEfBf"fhfE,ÉftfH[fjfx,ðÝ'è,μ,Ü,·B

fEfBf"fhfEf^fCfjf<,l

%op'â→•ŕŽš,Æ"¼Šp'SŠpfjf^fjfi,l"^-êŽ<,³,ê,Ü,·BfEfBf"fhfEf^fCfjf<,l'O•û^ê'v,  
Ü,½,í,Ěã•û^ê'v,ÅĚŸö,²s,Ě,í,ê,Ü,·(f^fCfjf<ĚŸö,İzd—l)B

fNf%ofX-¼,ª•ª,©,Á,Ä,č,éêê#A"@fNf%ofX-¼",Æ,·,ê,lfNf%ofX-¼,É'Î,·,é^—  
□,²s,Ě,í,Ü,·BfNf%ofX-¼,ðŽw'è,·,éêê#,à%op'â→•ŕŽš,à"äSr,³,ê,Ü,·,μA,±  
,lêê#O•û^ê'v,Æ,í,Ě,è,Ü,¹,ñB

fnf"fhf<"Ôt,ª•ª,©,Á,Ä,č,éêê#A"\$fnf"fhf<"Ôt"  
,Æ,·,ê,İŽw'è,lfnf"fhf<"Ôt,ðŽ,ÅfEfBf"fhfE,É'Î,·,é^—  
□,²s,Ě,í,Ü,·Bfnf"fhf<"Ôt,í16i",ÄŽw'è,μ,Ü,·B

ftf%ofO,É REAL ,ðŽw'è,·,é,ÆfEfBf"fhfEf^fCfjf<,l³Šm,ÈĚŸö,²s,Ě,í,ê,Ü,·B,±  
,lêê#%op'â→•ŕŽš,â"¼Šp'SŠpfjf^fjfi,à<æ•Ě,³,ê,Ü,·,μAftf@fCf<-¼,ªĚã,É'±,-  
êê#,í,»,"ª,Ü,Å³Šm,É<Lq,·,é•K—v,ª, ,è,Ü,·B

fEfBf"fhfEf^fCfjf<,İŽw'è,ª,È,¯,ê,ĪACE»ÝŽÀs't,lfofbf`ŽÀsfEfBf"fhfE,ÉftfH[fj  
fx,ðÝ'è,μ,Ü,·(fofbf`ŽÀsfEfBf"fhfE,ª•Ž!ó'Ô,Ì,Æ,«,Ì,Ÿ)B

ftfH[fjfx,ÌÝ'è,³,ê,½fEfBf"fhfE,íA'O-Ê,É•Ž!,³,êfAfNfefBfu,Èó'Ô,É,È,è,Ü,·B

-B,è'l

0                    ³í—  
253                  Žw'è,lfEfBf"fhfE,ªĚ©,Á,©,č,Ě,č

—á

SETFOCUS=REAL "fvfOf%of€ f}f[fWff"

ŽQ

GETFOCUS

SHOWWINDOW

# SHOWWINDOW[=ftf%ofO] "fEfBf"fhfEf^fCfjf<" [□ó'Ô-¼]

Žw'è,lfEfBf"fhfE,ì□ó'Ô,ð•í□X,μ,Ü,·□B

fEfBf"fhfEf^fCfjf<,ì  
%op'â□→•ŕŽš,Æ"¼Šp'SŠpfjf^fjfi,í"^-êŽ<,³,ê,Ü,·□BfEfBf"fhfEf^fCfjf<,í'O•ú^ê'v,  
Ü,½,í,ĀĀ•ú^ê'v,ĀĀÿ□ō,²□s,Ē,í,ê,Ü,·(f^fCfjf<Āÿ□ō,İZd—l)□B

fNf%ofX-¼,²•²,©,Á,Ā,Ā,ċ,é□ê□#□A"@fNf%ofX-¼",Æ,·,ê,lfNf%ofX-¼,É'Ī,·,é□^—  
□,²□s,Ē,í,Ü,·□BfNf%ofX-¼,ðŽw'è,·,é□ê□#,à%op'â□→•ŕŽš,à"äSr,³,ê,Ü,·,μ□A,±  
,ì□ê□#O•ú^ê'v,Æ,í,Ē,è,Ü,¹,ñ□B

fnf"fhf<"Ô□t,²•²,©,Á,Ā,Ā,ċ,é□ê□#□A"\$fnf"fhf<"Ô□t"  
,Æ,·,ê,İŽw'è,lfnf"fhf<"Ô□t,ðŽ□,ĀfEfBf"fhfE,É'Ī,·,é□^—  
□,²□s,Ē,í,Ü,·□Bfnf"fhf<"Ô□t,í16□i□",ĀŽw'è,μ,Ü,·□B

ftf%ofO,É REAL ,ðŽw'è,·,é,ÆfEfBf"fhfEf^fCfjf<,í□³Šm,ÈĀÿ□ō,²□s,Ē,í,ê,Ü,·□B,±  
,ì□ê□#%op'â□→•ŕŽš,â"¼Šp'SŠpfjf^fjfi,à<æ•Ē,³,ê,Ü,·,μ□Aftf@fCf<-¼,²ĀĀ,É'±,-  
□ê□#,í,»,ì•"²,Ü,Ā□³Šm,É<L□q,·,é•K—v,², ,è,Ü,·□B

□ó'Ô-¼,İŽw'è,ð□s,Ē,αŽ-,É,æ,èfEfBf"fhfE,ì□ó'Ô,ð□Ý'è,Ā,«,Ü,·□B□ó'Ô-¼,É,í^È  
%o²,ì,à,ì,ðŽw'è,Ā,«,Ü,·□B('è<'•ŕŽš—ñ,ðŽg—p,·,é□ê□#,í'â•ŕŽš,ĀŽw'è,μ,Ā,-  
,¾,¾,ċ)□B

<□''l> <'è<'•ŕŽš-ñ> <fEfBf"fhfE,İ□ó'Ô>

Žw'è,Ē,μ

fEfBf"fhfE□ó'Ô

0 SW\_HIDE  
1 SW\_NORMAL ,Ü,½,Ī  
SW\_SHOWNORMAL

"ñ•\Ž;  
fEfBf"fhfE□ó'Ô

fEfBf"fhfE□ó'Ô

2 SW\_SHOWMINIMIZED  
3 SW\_MAXIMIZE ,Ü,½,Ī  
SW\_SHOWMAXIMIZED

fAfCfRf"□ó'Ô  
□Ā'â»□ó'Ô  
□Ā'â»□ó'Ô

5 SW\_SHOW

fAfvfŠ,İffftfHf<fg,İ'â,«,³

6 SW\_MINIMIZE

"ñfAfNfefBfu,ÈfĀfCfRf"□ó'Ô

7 SW\_SHOWMINNOACTIVE

"ñfAfNfefBfu,ÈfĀfCfRf"□ó'Ô

-B,è'l

0 □³□í□l—¹  
253 Žw'è,lfEfBf"fhfE,²ĀĀ,Ā,©,ċ,Ē,ċ  
255 fpf%of□□[f^□[,²•s'«

—á

SHOWWINDOW=REAL "fvf[]fOf%of€ f}fI[]fWff" SW\_MINIMIZE

žQ[]I

SETFOCUS

**GETWINDOWRECT[=ftf%ofO] "fEfBf"fhfEf^fCfGf<" ŠÂ««•İ" (X)  
ŠÂ««•İ" (Y) ŠÂ««•İ" (•) ŠÂ««•İ" (, , 3)**

Žw'è,lfEfBf"fhfE,î Ê'u<y,ŃfTfCfY,đŽæ"¾,µ,Ü,·B

fEfBf"fhfEf^fCfGf<,ì  
%op'â-•ŃŽš,Æ"¼Šp'SŠpfjf^fjfi,í"^-êŽ<,³,ê,Ü,·BfEfBf"fhfEf^fCfGf<,í'O•û^ê'v,  
Ü,½,íĀã•û^ê'v,ĀĀÿđ,²s,È,í,ê,Ü,·(f^fCfGf<Āÿđ,İŽd-İ)B

fNf%ofX-¼,²,²,©,Á,Ä,ç,éêê±A"@fNf%ofX-¼",Æ,·,ê,lfNf%ofX-¼,É'Í,·,é^—  
²s,È,í,Ü,·BfNf%ofX-¼,đŽw'è,·,éêê±,à%op'â-•ŃŽš,à"äŠr,³,ê,Ü,·,µA,±  
,ìêê±'O•û^ê'v,Æ,í,É,è,Ü,¹,ñB  
fnf"fhf<"Ô±,²,²,©,Á,Ä,ç,éêê±A"\$fnf"fhf<"Ô±"  
,Æ,·,ê,İŽw'è,lfnf"fhf<"Ô±,đŽ,ĀfEfBf"fhfE,É'Í,·,é^—  
²s,È,í,Ü,·Bfnf"fhf<"Ô±,í16i",ĀŽw'è,µ,Ü,·B

ftf%ofO,É REAL ,đŽw'è,·,é,ÆfEfBf"fhfEf^fCfGf<,í³Šm,ÈĀÿđ,²s,È,í,ê,Ü,·B,±  
,ìêê±%op'â-•ŃŽš,â"¼Šp'SŠpfjf^fjfi,à<æ•É,³,ê,Ü,·,µAftf@fCf<-¼,²Āã,É'±,-  
êê±,í,»,"•²,Ü,Ā³Šm,É<Lq,·,é•K-v,²,·,è,Ü,·B

fEfBf"fhfE,²efEfBf"fhfE(fgfbfVfĀfxf<,lfEfBf"fhfE),ìêê±X^Ê'u,ÆY^Ê'u,í%æ-  
Ê'S'í,ìA•W'í(fXfNfŠ[f"A•W),²Žg,í,ê,Ü,·B(-á,í,í%æ-Ê,lfTfCfY,² 640~480  
,Ā,·,ê,ìŃŃã,² X=0, Y=0A%oE%o²,² X=639, Y=479 ,Æ,È,è,Ü,·)B  
fEfBf"fhfE,²fCfAfOf{fbfNfX,È,Ç,İŽqfEfBf"fhfE,ìêê±A•W,íefEfBf"fhfE,ìŃŃ  
ã<÷,©,çŽn,Ü,è,Ü,·B  
•,Æ,³,ífhfbfg'P^Ê,Ā,lfTfCfY,Ā,·B

,±,ê,ç,ì,»,"ê,¼,ê,ì"l,²Žw'è,µ,½ŠÂ««•İ",É'ã"ü,³,ê,Ü,·B

í^Ê'O,lfO[fWf±",Ā,íGETWINDOW,Æ,µ,Ä,ç,Ü,µ,½,²A•',ç,í,µ,ç,½,ßfRf}f"fh-  
¼,đGETWINDOWRECT,É•İX,µ,Ä,ç,Ü,·BGETWINDOW,Ā,à"-  
l,ì"®ì,²s,È,í,Ü,·B

- ß,è'l**
- , , è,Ü,¹,ñB
- 0            ³í|—¹
- 253          Žw'è,lfEfBf"fhfE,²Ā©,Ā,©,ç,È,ç
- 254          ŠÂ««•İ",ì—í^æ,²s'«
- 255          fpf%of[f^|[.lfGf%o[

—á  
GETWINDOWRECT "fvfOf%of€" ENVX ENVY ENVR ENDB  
GETWINDOWRECT=REAL "fvfOf%of€ f}f|[fWff" ENVX ENVY ENVR ENDB

**ŽQ**

SETWINDOWRECT  
SETWINDOWPOS



**SETWINDOWRECT[=ftf%ofO] "fEfBf"fhfEf^fCfjf<" [X^Ê'u],[Y^Ê'u],[•□], [□,³]**

Žw'è,lfEfBf"fhfE,ì^Ê'u<y,ÑfTfCfY,đŸ'è,μ,Ü,•□B

fEfBf"fhfEf^fCfjf<,ì  
%op'â□→•¶Žš,Æ"¼Šp'SŠpfjf^fjfi,í"^-êž<,³,ê,Ü,•□BfEfBf"fhfEf^fCfjf<,í'O•û^ê'v,  
Ü,½,íĈã•û^ê'v,ĀĈÿ□đ,²□s,È,í,ê,Ü,•(f^fCfjf<Ĉÿ□đ,İŽd—)□B

fNf%ofX-¼,²•²,©,Á,Ä,ç,é□ê□#□A"@fNf%ofX-¼" ,Æ,•,ê,lfNf%ofX-¼,É'í,•,é□^—  
□,²□s,È,í,Ü,•□BfNf%ofX-¼,đŽw'è,•,é□ê□#,à%op'â□→•¶Žš,à"äŠr,³,ê,Ü,•,μ□A,±  
,ì□ê□#O•û^ê'v,Æ,í,É,è,Ü,¹,ñ□B

fnf"fhf<"Ô□†,²•²,©,Á,Ä,ç,é□ê□#□A"\$fnf"fhf<"Ô□†"  
,Æ,•,ê,İŽw'è,lfnf"fhf<"Ô□†,đŽ□,ĀfEfBf"fhfE,É'í,•,é□^—  
□,²□s,È,í,Ü,•□Bfnf"fhf<"Ô□†,í16□i□",ĀŽw'è,μ,Ü,•□B

ftf%ofO,É REAL ,đŽw'è,•,é,ÆfEfBf"fhfEf^fCfjf<,ì³Šm,ÈĈÿ□đ,²□s,È,í,ê,Ü,•□B,±  
,ì□ê□#%op'â□→•¶Žš,â"¼Šp'SŠpfjf^fjfi,à<æ•É,³,ê,Ü,•,μ□Aftf@fCf<-¼,²Ĉã,É'±,-  
□ê□#,í,»,"•²,Ü,Ā³Šm,É<L□q,•,é•K—v,², ,è,Ü,•□B

fEfBf"fhfE,²□efEfBf"fhfE(fgfbfvfĈfxf<,lfEfBf"fhfE),ì□ê□#X^Ê'u,ÆY^Ê'u,í%œ-  
Ê'S'í,ì□A•W'í(fXfNfŠ□[f"□A•W),²Žg,í,ê,Ü,•□B(—á,í,í%œ-Ê,lfTfCfY,² 640□~480  
,Ā, ,é,ì □¶□ã,² X=0, Y=0□A%œE%œ²,² X=639, Y=479 ,Æ,È,è,Ü,•)□B  
fEfBf"fhfE,²f\_fCfAf□fOf{fbfNfX,È,Ç,İŽqfEfBf"fhfE,ì□ê□#□A•W,í□efEfBf"fhfE,ì□¶□  
ã<÷,©,çŽn,Ü,è,Ü,•□B

•□,Æ□,³,lfhfbfg'P^Ê,Ā,lfTfCfY,đŽw'è,μ,Ü,•□B,±,ì'í,É,lf^fCfjf<fo□[,È,Ç,ì□i-  
@,àŠÜ,Ü,ê,Ü,•□B

□"'í,í<ó"' ,Ü,½,lfjf"ff}(,),Ā<æ□Ø,è,Ü,•□BX^Ê'u^È□~,í•K—v,²,È, ,ê,î□È—²,•,é,±  
,Æ,²,Ā,«,Ü,•□Bjfjf"ff},Ā<æ□Ø,Ā,½□ê□#,í•"•²"í,É□"'í,đŸÈ—²,•,é,±  
,Æ,²,Ā,«□A,» ,ì□ê□#□È—²,μ,½□"'í,íĈ³,ì'í,ì,Ü,Ü,É,È,è,Ü,•□B,±,ê,đ—~—p,μ,Ā—  
á,í,lfTfCfY,ì,Ÿ,đ•í□X,•,é,±,Æ,à,Ā,«,Ü,•□B

"z—ñ□#□~ ,à•í□X,μ,½,ç□ê□#,í□ASETWINDOWPOS,đŽg—p,μ,Ā,,¾,³,ç□B

□í^Ê'O,lf□□[fWfjf" ,Ā,íSETWINDOW,Æ,μ,Ā,ç,Ü,μ,½,²□A•',ç,í,μ,ç,½,βfRf}f"fh-  
¼,đSETWINDOWRECT,É•í□X,μ,Ā,ç,Ü,•□BSETWINDOW,Ā,à"—  
l,í"®□ì,²□s,È,í,Ü,•□B

**-ß,è'í**

, ,è,Ü,¹,ñ□B

0 □³□í□—¹  
253 Žw'è,lfEfBf"fhfE,²Ĉ©,Ā,©,ç,È,ç  
255 fpf%of□□[f^□[.lfGf%□□

—á

SETWINDOWRECT=REAL "fvf[]fOf%of€ f}fI[]fWff" 0,0,640,480

SETWINDOWRECT=REAL "fvf[]fOf%of€ f}fI[]fWff" ,,100,100

SETWINDOWRECT "fvf[]fOf%of€" 100 100

**ŽQ[]**

GETWINDOWRECT

SETWINDOWPOS

**SETWINDOWPOS[=ftf%ofO] "fEfBf"fhfEf^fCfGf<" ["z'u□#□~],[X^Ê'u], [Y^Ê'u],[•□],[□,,<sup>3</sup>],[<sup>2</sup>□@ftf%ofO]**

Žw'è,lfEfBf"fhfE,ì"z—ñ□#□~□A^Ê'u<y,ŃfTfCfY□A'<sup>2</sup>□@ftf%ofO,đ□Y'è,μ,Ü,•□B

fEfBf"fhfEf^fCfGf<,ì  
%op'â□→•ŃŽš,Æ"¼Šp'SŠpfJf^fJfi,í"^-êŽ<,<sup>3</sup>,ê,Ü,•□BfEfBf"fhfEf^fCfGf<,í'O•û^ê'v,  
Ü,½,íCĚã•û^ê'v,ĀCĚY□đ,â□s,È,í,ê,Ü,•(f^fCfGf<CĚY□đ,İŽd—)□B

fNf%ofX-¼,â•â,©,Á,Ä,č,é□ê□#□A"@fNf%ofX-¼",Æ,•,ê,lfNf%ofX-¼,É'í,•,é□^—  
□,â□s,È,í,Ü,•□BfNf%ofX-¼,đŽw'è,•,é□ê□#,à%op'â□→•ŃŽš,à"äŠr,<sup>3</sup>,ê,Ü,•,μ□A,±  
,ì□ê□#O•û^ê'v,Æ,í,È,è,Ü,<sup>1</sup>,ñ□B

fnf"fhf<"Ô□†,â•â,©,Á,Ä,č,é□ê□#□A"\$fnf"fhf<"Ô□†"  
,Æ,•,ê,İŽw'è,lfnf"fhf<"Ô□†,đŽ□,ĀfEfBf"fhfE,É'í,•,é□^—  
□,â□s,È,í,Ü,•□Bfnf"fhf<"Ô□†,í16□i□",ĀŽw'è,μ,Ü,•□B

**ftf%ofO**,É REAL ,đŽw'è,•,é,ÆfEfBf"fhfEf^fCfGf<,í□<sup>3</sup>Šm,ÈCĚY□đ,â□s,È,í,ê,Ü,•□B,±  
,ì□ê□#%op'â□→•ŃŽš,â"¼Šp'SŠpfJf^fJfi,à<æ•Ê,<sup>3</sup>,ê,Ü,•,μ□Aftf@fCf<-¼,âCĚã,É'±,-  
□ê□#,í,»,"•â,Ü,Ā□<sup>3</sup>Šm,É<L□q,•,é•K—v,<sup>a</sup>,•,è,Ü,•□B

"z'u□#□~,İŽw'è,đ□s,È,žŽ-,É,æ,èfEfBf"fhfE,ì"z—ñ□#□~,đ□Y'è,Ā,«,Ü,•□B"z—  
ñ□#□~,É,í'È%o<sup>o</sup>,ì,à,ì,đŽw'è,Ā,«,Ü,•□B'è<•ŃŽš—ñ,đŽg—p,μ,Ā,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,č('è<•ŃŽš—  
ñ,í'â•ŃŽš,ĀŽw'è,μ,Ā,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,č)□B

<'è<•ŃŽš—ñ> <"z—ñ,İ□#□~>  
HWND\_TOP fEfBf"fhfE,đ□ã^Ê('O—Ê),É"z'u,μ,Ü,•□B  
HWND\_BOTTOM fEfBf"fhfE,đ□Ā%o^Ê(CĚã—Ê),É"z'u,μ,Ü,•□B  
HWND\_TOPMOST fEfBf"fhfE,đ□í,É□Ā'O—Ê,É"z'u,μ,Ü,•□B  
HWND\_NOTOPMOST □Ā'O—Ê,İfEfBf"fhfE,đ'É□í□ó'Ô('O—Ê),É"z'u,μ,Ü,•□B

**X^Ê'u,ÆY^Ê'u**,lfEfBf"fhfE,ì□Ń□ã,â^Ê'u,•,é□Ā•W,đŽw'è,μ,Ü,•□B  
fEfBf"fhfE,â□efEfBf"fhfE(fgfbvfCfxf<,lfEfBf"fhfE),ì□ê□#X^Ê'u,ÆY^Ê'u,í%oæ—  
Ê'S'í,ì□Ā•W'í(fxfNfS□[f"□Ā•W),âŽg,í,ê,Ü,•□B(—á,í,í%oæ—Ê,lfTfCfY,<sup>a</sup> 640□~480  
,Ā,•,ê,í□Ń□ã,<sup>a</sup> X=0, Y=0□A%oE%o<sup>o</sup>,<sup>a</sup> X=639, Y=479 ,Æ,È,è,Ü,•)□B  
fEfBf"fhfE,âf\_fCfAf□Of{fbfNfX,È,Č,İŽqfEfBf"fhfE,ì□ê□#□Ā•W,í□efEfBf"fhfE,ì□Ń□  
ã<÷,©,čŽn,Ü,è,Ü,•□B  
•□,Æ□,,<sup>3</sup>,lfhfbfg'P^Ê,Ā,lfTfCfY,đŽw'è,μ,Ü,•□B,±,ì'í,É,í^fCfGf<fo□[,È,Č,ì□i—  
@,àŠÜ,Ü,ê,Ü,•□B

**'<sup>2</sup>□@ftf%ofO**,İŽw'è,đ□s,È,žŽ-,É,æ,èfEfBf"fhfE,ì'<sup>2</sup>□@,<sup>a</sup>Ā,«,Ü,•□B'<sup>2</sup>□@ftf  
%ofO,É,í'È%o<sup>o</sup>,ì,à,ì,đŽw'è,Ā,«,Ü,•□B'<sup>2</sup>□@ftf  
%ofO,í•i□",İŽw'è,đ'g,Y□#,í,<sup>1</sup>,ĀŽw'è,•,é,±,Æ,<sup>a</sup>Ā,«,Ü,•□B"'í,Ü,½,í'è<•ŃŽš—  
ñ,âŽg—p,Ā,«,Ü,•('è<•ŃŽš—ñ,đŽg—p,•,é□ê□#,í'â•ŃŽš,ĀŽw'è,μ,Ā,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,č)□B

<"'l> <'è<•ŃŽš—ñ> <'<sup>2</sup>□@"à—e>

0x0001 SWP\_NOSIZE •□,Æ□, , ³, ÌŽw'è, ð-³Ž<, μ, Ü, ·□B  
 0x0002 SWP\_NOMOVE X^Ê'u, ÆY^Ê'u, ÌŽw'è, ð-³Ž<, μ, Ü, ·  
 0x0004 SWP\_NOZORDER "z-ñ□‡□~ , ÌŽw'è, ð-³Ž<, μ, Ü, ·□B  
 0x0008 SWP\_NOREDRAW fEfBf"fhfE"à-e, º•İ□X, ³, ê, Ä, à□Ä•`  
 æ, μ, Ü, ¹, ñ□B  
 0x0010 SWP\_NOACTIVATE fEfBf"fhfE, ðfAfNfefBfu»», μ, Ü, ¹, ñ□B  
 0x0020 SWP\_FRAMECHANGED , Ü, ½, Í fEfBf"fhfE, ð^Í, p~g, ð•`  
 æ, μ, Ü, ·□B

SWP\_DRAWFRAME

0x0040 SWP\_SHOWWINDOW fEfBf"fhfE, ð•\Ž!□ó'Ô, É, μ, Ü, ·□B  
 0x0080 SWP\_HIDEWINDOW fEfBf"fhfE, ð"ñ•\Ž! , É, μ, Ü, ·□B

SWP\_SHOWWINDOW, Ü, ½, ÍSWP\_HIDEWINDOW, ð□Ý'è, μ, ½, Æ, «, Í□A fEfBf"fhfE, ð^  
 Ú"® , μ, ½, èfTfCfY•İ□X, μ, ½, è, Å, «, Ü, ¹, ñ□B  
 SWP\_NOACTIVATE, Ü, ½, ÍSWP\_NOZORDER, ºŽw'è, ³, ê, È, †, Æ, «, Í□A  
 □"l, l<ó" , Ü, ½, Ífj" f } ( , ) , Å<æ□Ø, è, Ü, ·□B"z-ñ□‡□~^Ê□~ , Í•K-v, º, È, ¯ , ê, Î□È-a, ·, é, ±  
 , Æ, º, Å, «, Ü, ·, º□A fEfBf"fhfE, É, æ, Á, Ä, Í□È-a, ·, é, ÆfftfHf<fg, l'l, º"K-  
 p, ³, ê, é, ½, ß, É□Ý'è, º•İ□X, ³, ê, é□ê□‡, º, , è, Ü, ·□B

^Ê'u<y, ÑfTfCfY, ð•İ□X, ·, é, ¾, ¯ , ÌŽž, Í□ASETWINDOWRECT, ðŽg—p, μ, Ä, , ¾, ¾, †□B

-ß, è'l

, , è, Ü, ¹, ñ□B  
 0 □³□í□l—¹  
 1 fGf%o□[  
 253 Žw'è, lfEfBf"fhfE, ºCE©, Â, ©, †, È, †  
 255 fpf%of□□[f^□[ , º•s'«

—á

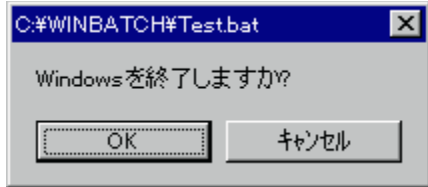
SETWINDOWPOS "WinBatchEh -" HWND\_TOPMOST  
 SETWINDOWPOS "WinBatchEh -" HWND\_TOP, 10, 0, 640, 480, SWP\_DRAWFRAME

ŽQ□l

SETWINDOWRECT  
GETWINDOWRECT

**MESSAGEBOX[=ftf%ofo] [/T[:]"f^fCfjf<"] [•¶Žš—ň]  
 MSGBOX[=ftf%ofo] [/T[:]"f^fCfjf<"] [•¶Žš—ň]**

f[]fbfZ[][fWf{fbfNfX,ì•\Ž!,ð[]s,È,ç,Ü,·[]BŽŸ,ì,æ,œ,ÈfEfBf“fhfE,Å,·[]B



ftf%ofo,ìŽw'è,É,æ,Å,Ä^È%o°,ì,æ,œ,È“@[]i,ð[]s,È,ç  
 ,Ü,·[]B[]"l,í,·,x,Ä16[]i[]",Å,·[]B('è<`•¶Žš—ň,ðŽg—p,·,é[]ê[]‡,í'â•¶Žš,ÅŽw'è,μ,Ä,-  
 ,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ç)[]B

**f{f^f“•\Ž!,ìŽw'è:**

|                                     |  |
|-------------------------------------|--|
| <[]" 'l> <'è<`•¶Žš—ň>               | <•\Ž!, <sup>3</sup> ,è,éf{f^f">                |
| Žw'è,È,μ                            | [OK]   |
| 0x0000 MB_OK                        | [OK]   |
| 0x0001 MB_OKCANCEL                  | [OK] [·-Ý <sup>3</sup> / <sub>4</sub> Ü]       |
| 0x0002 MB_ABORTRETRYIGNORE          | ['†Ž~] [[]ÄŽŽ[]s] [- <sup>3</sup> Ž<]          |
| 0x0003 MB_YESNOCANCEL               | [,Í,ç] [,ç,ç, ]                                |
| [·-Ý <sup>3</sup> / <sub>4</sub> Ü] |  |
| 0x0004 MB_YESNO                     | [,Í,ç] [,ç,ç, ]                                |
| 0x0005 MB_RETRYCANCEL               | [[]ÄŽŽ[]s] [·-Ý <sup>3</sup> / <sub>4</sub> Ü] |

**fAfCfRf“•\Ž!,ìŽw'è:**

|   |        |
|---|--------|
| <[]" 'l> <'è<`•¶Žš—ň>                                     | <•\    |
| Ž!, <sup>3</sup> ,è,éfAfCfRf">                            |        |
| Žw'è,È,μ  | ,È,μ   |
| 0x0010 MB_ICONSTOP ,Ü, <sup>1</sup> / <sub>2</sub> ,Í     | (STOP) |
| MB_ICONHAND   | (STOP) |
| 0x0020 MB_ICONQUESTION                                    | (?)    |
| 0x0030 MB_ICONEXCLAMATION                                 | (!)    |
| 0x0040 MB_ICONASTERISK ,Ü, <sup>1</sup> / <sub>2</sub> ,Í | (i)    |
| MB_ICONINFORMATION  | (i)    |

**ffftfHf<fgf{f^f“,ìŽw'è:**

<[]" 'l> <'è<`•¶Žš—ň>  
 <ffftfHf<fg,ìf{f^f">  
 Žw'è,È,μ  
 1,Å,ß,ìf{f^f“,@ffftfHf<fg  
 0x0000 MB\_DEFBUTTON1  
 1,Å,ß,ìf{f^f“,@ffftfHf<fg  
 0x0100 MB\_DEFBUTTON2

2, Â, ß, Ìf{f^f“, ðffftfHf<fg  
0x0200 MB\_DEFBUTTON3  
3, Â, ß, Ìf{f^f“, ðffftfHf<fg

‰Ž“š‘†, Ì‘¼, ÌfAfvfšfP[ fVf†f“, Ì“®ì, Ì‘âŽ~Žw’è:

<“’l> <’è<`•ŕŽš-ň>  
Žw’è, È, µ  
0x0000 MB\_APPLMODAL  
0x1000 MB\_SYSTEMMODAL  
0x2000 MB\_TASKMODAL  
, ÌfAfvfš

<’âŽ~, ³, ¹, éfAfvfš>  
‰e<¿, È, µ  
‰e<¿, È, µ  
, ·, ×, Â, ÌfAfvfš  
(Œ»ŕÝ^Ó-i, È, µ), ±

•\Ž!•ŕŽš-ň, ÌŽw’è:

<“’l> <’è<`•ŕŽš-ň>  
Žw’è, È, µ  
ň, ð, » , Ì, Û, Û•\Ž!  
0x4000 MB\_FORMAT  
n, È, Ç, ÌfGfXfP[ fV, ð“K-p, ·, é

<•\Ž!•ŕŽš-ň, ÌŽw’è>  
•ŕŽš-  
•ŕŽš-ň, È\

, Û, ½ Af{f^f“, Ì‰Ž“š, É, æ, è^È  
‰‰, ÌERRORLEVEL, ð•Ó, µ, Û, ·BERRORLEVEL, Ì”äšr, Ì“’l, ¾, -, Â, Ì, È, ÌA’è<`•ŕŽš-  
ň, Æ”äšr, ·, éŽ-, à‰Â“\, Â, ·B

<“’l> <f{f^f“>

1 [OK]  
2 [·-Ý¾Ù]  
3 [’†Ž~]  
4 [ÄŽŽs]  
5 [-³Ž<]  
6 [, Í, †]  
7 [, †, †, †]

<’è<`•ŕŽš-ň>

IDOK  
IDCANCEL  
IDABORT  
IDRETRY  
IDIGNORE  
IDYES  
IDNO

•ì“ , Ì“®ì, ð’g, Ý†, Ì, ¹, ÄŽw’è, ·, é, ±, Æ, à‰Â“\, Â, ·B—  
á, †, ÌŽŸ, ÌB[s, Ì, ·, ×, Ä“ , ŕ“®ì, ð[s, È, †, Û, ·B

MESSAGEBOX=0x0124 , æ, è, µ, †, Â, ·, ©?

MESSAGEBOX=0x0004+0x0100+0x0020 , æ, è, µ, †, Â, ·, ©?

MESSAGEBOX=MB\_YESNO+MB\_DEFBUTTON2+MB\_ICONQUESTION , æ, è, µ, †, Â, ·, ©?

MB\_FORMAT, ðŽw’è, µ, ½ é† PRINTF , Æ“ , ŕ“®ì, ÄŽw’è, Ìn, È, Ç, ÌfGfXfP[ fV, äŽg—  
p, Â, «, Û, ·(fGfXfP[ fV, Ì, Ý, Â%%d, È, Ç, Ì^ø“ , ÌŽg—p, Â, «, Û, ¹, ñ)B, ±, é, È, æ, è•ŕŽš—  
ň, Ì“r†, Â‰ü[s, È, Ç, ð[s, È, x, ±, Æ, ä, Â, «, Û, ·B

/T, Â, Ìf^fCfGf<, È, ÌfEfBf“fhfE, Ìf^fCfGf<, ðŽw’è, µ, Û, ·B/T:"Window Title" , Ì, æ, x

,Éf^fCfjgk,ð "" ,Å^Í,Á,ÄŽw'è,μ,Ä,,¾,¾,ç□BŽw'è,a,È,¯,ê,Îfofbf`ftf@fCf<-  
¼,¾f^fCfjgk,É,È,è,Ü,·□B

**-ß,è'l**

1 □` 7 %oÿ,¾,ê,½f{f^f",l'l

**—á**

MESSAGEBOX=0x0004 '±,¯,Ü,·,©?

IF ERRORLEVEL 7 GOTO END

MESSAGEBOX=MB\_YESNO '±,¯,Ü,·,©?

IF ERRORLEVEL IDNO GOTO END

MESSAGEBOX=MB\_YESNO /T:"□^—□,ì'±□s" '±,¯,Ü,·,©?

IF %ERRORLEVEL%==IDNO GOTO END

**ŽQ□l**

MESSAGEBEEP, MSGBEEP

NONSTOPMESSAGE, NONSTOPMSG

PRINTF



0x0010 MB\_ICONSTOP, MB\_ICONHAND





0x0020 MB\_ICONQUESTION



0x0030 MB\_ICONEXCLAMATION



0x0040 MB\_ICONASTERISK, MB\_ICONINFORMATION

## MESSAGEBEEP [ ]

## MSGBEEP [ ]

fTfEf“fh,đÄ¶µ,Ü,·BMESSAGEBEEP,É‘±,·,Ä¶“l,đŽw’è,·,é,±  
,Æ,É,æ,èfTfEf“fh,ìÝ’è,ÅŽw’è,<sup>3</sup>,ê,<sup>1</sup>/<sub>2</sub>fTfEf“fh,äÄ¶<sup>3</sup>,ê,Ü,·B

¶“l,í,·,x,Ä16¶i¶”,Å,·B(‘è<`·¶Žš—ñ,đŽg—p,·,éê¶‡,íâ·¶Žš,ÅŽw’è,µ,Ä,-  
,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ϕ)B

<¶“l> <‘è<`·¶Žš—ñ>

<¶Ä¶<sup>3</sup>,ê,éfTfEf“fh>

Žw’è,É,µ

SystemDefault, ^ê”Ê,ìEx¶¶%<sup>1</sup>

0x0000 MB\_OK

SystemDefault, ^ê”Ê,ìEx¶¶%<sup>1</sup>

0x0010 MB\_ICONSTOP ,Ü,<sup>1</sup>/<sub>2</sub>,Í

¶¶

MB\_ICONHAND

SystemHand, fVfXfef€ fGf

SystemHand,

fVfXfef€ fGf¶¶

0x0020 MB\_ICONQUESTION

â,ϕ¶‡,í,<sup>1</sup>

0x0030 MB\_ICONEXCLAMATION

0x0040 MB\_ICONASTERISK ,Ü,<sup>1</sup>/<sub>2</sub>,Í

MB\_ICONINFORMATION

¶î•ñ

SystemQuestion, -

SystemExclamation, Ex¶¶

SystemAsterisk, ¶î•ñ

SystemAsterisk,

-ß,è’l

, ,è,Ü,<sup>1</sup>,ñB

—á

MESSAGEBEEP 0x0030

MESSAGEBEEP MB\_ICONEXCLAMATION

ŽQ¶l

MESSAGEBOX, MSGBOX

SNDPLAYSOUND



%o<sup>1</sup>.lfefXfg

SystemDefault, ^ê"Ê, ìœx□□%o<sup>1</sup>



%o<sup>1</sup>.lfefXfg

SystemHand, fVfXfef€ fGf%o□[



%oo<sup>1</sup>.lfefXfg

SystemQuestion, -â,ç□#,í,<sup>1</sup>



%o<sup>1</sup>.lfefXfg

SystemExclamation, CEx□□





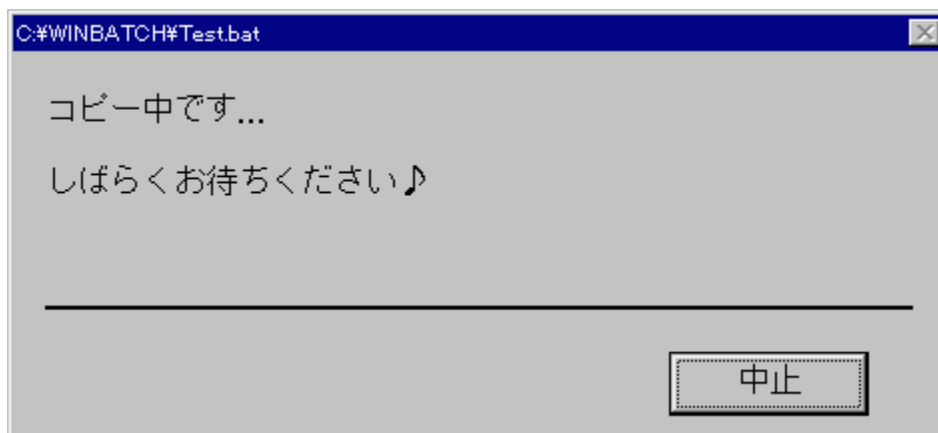
%o<sup>1</sup>.lfefXfg

SystemAsterisk, □î•ñ

NONSTOPMESSAGE[=ftf%fo] [/Y] [/U] [/T[:]"f^fCfjf<"]  
 [/M[:]"f{f^f"•Źš—ñ"}] [/WP[:][fEfCf"fhfE%oi^Ê'u],[c^Ê'u]] [/WS[:]  
 [fEfBf"fhfE,ì•],[,],^3]] [/F[:]"ftfHf"fg-¼"] [/FS[:]ftfHf"fg,ì[,],^3[,•]]  
 [•Źš—ñ]

NONSTOPMSG[=ftf%fo] [/Y] [/U] [/T[:]"f^fCfjf<"] [/M[:]"f{f^f"•Źš—  
 ñ"}] [/WP[:][fEfCf"fhfE%oi^Ê'u],[c^Ê'u]] [/WS[:][fEfBf"fhfE,ì•],[,],^3]]  
 [/F[:]"ftfHf"fg-¼"] [/FS[:]ftfHf"fg,ì[,],^3[,•]] [•Źš—ñ]

f of bf ` , ì ^ — , ð ' ± , ~ , ½ , Ü , Ü f [ ] b f Z [ ] [ f W , ð • \ Ž ! , μ , Ü , • B M E S S A G E B O X , Æ Ž — , Ä , ç  
 , Ü , • , ^ A f [ ] b f Z [ ] [ f W , ì • \ Ž ! C E ã , • , ® , É f o f b f ` , É • œ < A , μ [ ] A [ ] ^ — , ð ' ± , ~ , é " \_ , ^ á , ç  
 , Ü , • B • \ Ž ! , ^ 3 , é , é f E f B f " f h f E , Í Ž Ÿ , ì , æ , x , É , È , è , Ü , • B



ftf%fo, ì Ž w ' è , É , æ , Á , Ä ^ È % o o , ì , æ , x , É " ® [ ] , ð [ ] s , È , ç  
 , Ü , • B [ ] " l , í , • , x , Á 1 6 [ ] i [ ] " , Ä , • B ( ' è < ` • Ź š — ñ , ð Ž g — p , • , é [ ] ê [ ] † , í ' á • Ź š , Ä Ž w ' è , μ , Ä , -  
 , ¾ , ^ 3 , ç ) [ ] B

• \ Ž ! • Ź š — ñ , ì Ž w ' è :

< [ ] " ' l > < ' è < ` • Ź š — ñ >

Ž w ' è , È , μ

ñ , ð , » , Ì , Ü , Ü • \ Ž !

0x4000 MB\_FORMAT

n , È , Ç , Ì f G f X f P [ ] [ f v , ð " K — p , • , é

< • \ Ž ! • Ź š — ñ , ì Ž w ' è >

• Ź š —

• Ź š — ñ , É \

MB\_FORMAT, ð Ž w ' è , μ , ½ [ ] ê [ ] † PRINTF , Æ " ~ , ¶ C E ` Ž ® , Ä \ n , È , Ç , Ì f G f X f P [ ] [ f v , ^ Ž g —  
 p , Ä , « , Ü , • ( f G f X f P [ ] [ f v , Ì , Y , Ä % % d , È , Ç , Ì ^ ø [ ] " , Ì Ž g — p , Ä , « , Ü , ^ 1 , ñ ) [ ] B , ± , é , É , æ , è • Ź š —  
 ñ , Ì " r † , Ä % o ü [ ] s , È , Ç , ð [ ] s , È , x , ± , Æ , ^ á , Ä , « , Ü , • B  
 MESSAGEBOX , Æ ^ á , ç [ ] A f A f C f R f " , È , Ç , Ì Ž w ' è , Ä , « , Ü , ^ 1 , ñ [ ] B

^ È % o o , Ì f f v f v f f " , ^ Ž w ' è , Ä , « , Ü , • ( f f v f v f f " < y , Ñ • Ź š —  
 ñ , Æ f f v f v f f " , Ì Ó , Ì f X f y [ ] [ f X , ð < ó , ~ , Ä , ¾ , ^ 3 , ç ) [ ] B

/Y fEjBf“fhfE, ðí, É'0-Ê, É•\Ž! , µ, Ü, ·□B  
/U f{f^f“ , ð•\Ž! , µ, Ü, <sup>1</sup>, ñ□B  
/T: “•¶Žš-ñ” fEjBf“fhfE^fCfjg< , İŽw'è, ðs, Ê, ç  
, Ü, ·(ffftfHf<fg, İfofbf`ftf@fCf<-¼)□B  
/M: “•¶Žš-ñ” f□fbfZ□[fW-“ , É•\  
Ž! , · , éf□fbfZ□[fW, ðŽw'è, µ, Ü, ·(ffftfHf<fg, İ□u'tŽ~□v)□B  
/WP:‰i , □c fEjBf“fhfE, İ‰  
i□A□c, İ^Ê'u, ðfXfNfŠ□[f“fTfCfY, ÅŽw'è, µ, Ü, ·(ffftfHf<fg, İ't‰>)□B  
/WS: •□, □, , <sup>3</sup> fEjBf“fhfE, İ‰  
i□A□c, İfTfCfY, ðfXfNfŠ□[f“fTfCfY, ÅŽw'è, µ, Ü, ·(ffftfHf<fg472x214)□B  
/F: “FONT-¼” •\Ž!“à-e, İftfHf“fg, ð•İ□X, · , é□é□‡, ÉftfHf“fg-  
¼, ðŽw'è, µ, Ü, ·(ffftfHf<fg, İSystemftfHf“fg)□B  
/FS: □, , <sup>3</sup>, •□ ftfHf“fg-¼, ðŽw'è, µ, ½□é□‡, É•K-  
v, È, ç, İftfHf“fg, İfTfCfY, ðŽw'è, µ, Ü, ·□B

/Y, ðŽw'è, · , é, Æ□A fEjBf“fhfE, <sup>a</sup>í, É'¼, İfEjBf“fhfE, æ, è'O-Ê, É•\Ž! , <sup>3</sup>, ê, é, æ, x  
, È, È, è, Ü, ·□B

/U, ðŽw'è, · , é, Æ□A f{f^f“ , İ•\Ž! , <sup>a</sup>s, È, í, ê, Ü, <sup>1</sup>, ñ□B

/T, Å, İf^fCfjg<, É, İfEjBf“fhfE, İf^fCfjg<, ðŽw'è, µ, Ü, ·□B/T: “Window Title” , İ, æ, x  
, Éf^fCfjg<, ð “” , Å^Í, Å, ÅŽw'è, µ, Å, , <sup>3</sup>/<sub>4</sub>, <sup>3</sup>, ç□BŽw'è, <sup>a</sup>, È, ~ , ê, İfofbf`ftf@fCf<-  
¼, <sup>a</sup>f^fCfjg<, È, È, è, Ü, ·□B

/M, Å, İf□fbfZ□[fW, É, í□A f{f^f“ , É•\Ž! , · , éf□fbfZ□[fW, ðŽw'è, µ, Ü, ·□B/M: “Š® —<sup>1</sup>”  
, İ, æ, x, Éf□fbfZ□[fW, ð “” , Å^Í, Å, ÅŽw'è, µ, Å, , <sup>3</sup>/<sub>4</sub>, <sup>3</sup>, ç□BŽw'è, <sup>a</sup>, È, ~ , ê, İ□u'tŽ~□v, <sup>a</sup>•\  
Ž! , <sup>3</sup>, ê, Ü, ·□B, , Ü, è'· , çf□fbfZ□[fW, ðŽw'è, · , é, Æf{f^f“ , ÉŽû, Ü, ç, È, -  
, È, è, Ü, ·(□Å^á, Å”¼Šp12•¶Žš'ö“x, Å, ·)□B

/WP, É'±, ~ , Ä‰i ^Ê'u, Æ□c ^Ê'u, ðŽw'è, · , é, Æ□A fEjBf“fhfE, İ^Ê'u, ð•İ□X, · , éŽ-  
, <sup>a</sup>, Å, «, Ü, ·□B/WP: 100, 200 , İ, æ, x, É□A/WP, É'±, ~ , Ä‰i , Æ□c, İ^Ê'u, İfhfbfg□” , ðjff“f”  
(', ') , Å<æ□Ø, Å, ÅŽw'è, µ, Å, , <sup>3</sup>/<sub>4</sub>, <sup>3</sup>, ç(ŠÖ, ÉfXfy□[fX“™ , í“ü, è, È, ç, Å, , <sup>3</sup>/<sub>4</sub>, <sup>3</sup>, ç)□B‰  
i, Ü, ½, í□c, İ, Ç, ç, ç, © ^ê•û, <sup>3</sup>/<sub>4</sub>, ~ , ðŽw'è, · , é, Æ□A—  
¼•û“ , ¶Í, Æ, µ, ÅÆvŽŽ, <sup>3</sup>, ê, Ü, ·□BŽw'è, <sup>a</sup>, È, ~ , ê, İfffXfNfgfbfv, İ't‰>, É•\Ž! , <sup>3</sup>, ê, Ü, ·□B

/WS, É'±, ~ , Ä•□, Æ□, , <sup>3</sup>, ðŽw'è, · , é, Æ□A fEjBf“fhfE, İfTfCfY, ð•İ□X, · , éŽ-  
, <sup>a</sup>, Å, «, Ü, ·□B/WS: 640, 400 , İ, æ, x, É□A/WS, É'±, ~ , Ä•□, Æ□, , <sup>3</sup>, İfhfbfg□” , ðjff“f” (' , ')  
, Å<æ□Ø, Å, ÅŽw'è, µ, Å, , <sup>3</sup>/<sub>4</sub>, <sup>3</sup>, ç(ŠÖ, ÉfXfy□[fX“™ , í“ü, è, È, ç, Å, -  
, <sup>3</sup>/<sub>4</sub>, <sup>3</sup>, ç)□B•□, Ü, ½, í□, , <sup>3</sup>, İ, Ç, ç, ç, © , ðÉ—  
<sup>a</sup>, · , é, Æ□A20^Í9, İŠ, , □‡, Å□AŽw'è, µ, È, © , Å, ½•û, İfTfCfY, İŽ© “®“Í, ÉÆvŽŽ, <sup>3</sup>, ê, Ü, ·□BŽ  
w'è, <sup>a</sup>, È, ~ , ê, İ‰i 472□A□c214(ŠÅ<<<, É, æ, Å, Å, İf^fCfjg<fo□[ , İ□, , <sup>3</sup>, <sup>a</sup>á, x, ½, ßŽáŠ±  
, İÆé□, <sup>a</sup>, , è, Ü, ·) , İfTfCfY, È, È, è, Ü, ·□B

/F, ðŽw'è, · , é, Æftf@fCf<“à—e•\Ž! , İftfHf“fg, ð•İ□X, · , é, ±, Æ, <sup>a</sup>, Å, «, Ü, ·□B/F: “ , l, r , o-  
¾“©” , İ, æ, x, É□A/F , É'±, ~ , ÄftfHf“fg-¼, ð “” , Å^Í, Å, ÅŽw'è, µ, Å, -

,¾,³,ç□BŽw'è,ª,È,¯,ê,İfVfXfef€ftfHf"fg,ªŽg—p,ª,ê,Ü,·□B  
,³,ç,É□A/FS,đŽw'è,·,é,Æ□AftfHf"fg,İ□,,³,Æ•□,đŽw'è,Å,«,Ü,·□B/FS:18,10 ,ì,æ,π  
,É□A/FS,É'±,¯,Ä□,,³,Æ•□,đff"f}(''),Ä<æ□Ø,Ä,ÄŽw'è,μ,Ä,,¾,³,ç  
(ŠŌ,ÉfXfy□[fX"™,Í"ü,ê,È,ç,Ä,,¾,³,ç)□B□,,³,Ì,Ý,đŽw'è,μ,Ä•□,đ□É—  
ª,·,é,Æ□A•□,ÍŽ©"®"İ,ÉÉvŽŽ,ª,ê,Ü,·□BŽw'è,ª,È,¯,ê,İfVfXfef€  
,İffftfHf<fg,Ì'â,«,³,É,È,è,Ü,·□B

•**¶Žš—ň**,ª,·,ç□ê□#,Í"K"—,È,Æ,±,ë,ÅŽŸ,İ□s,É□Ü,è•Ô,μ,Ü,·,ª□A"à—  
e,É,æ,Ä,Ä,Í,Ý□o,μ,Ä•\Ž!,³,ê,È,ç□ê□#,ª, ,è,Ü,·□B,Ü,½□A•\  
Ž!,đ□s,È,ì,é□s□",İ□AfffffHf<fg,İ□ó'Ō,Å5□s'ö"x,Å,·□B  
•**¶Žš—ň**,ª'S,Žw'è,ª,ê,È,¯,ê,İ□A^È'O•\Ž!,³,ê,Ä,ç,½fEfBf"fhfE,ª, ,ê,İ□A<Ž,ª,ê,Ü,·(^  
È'O•\Ž!,³,ê,Ä,ç,½fEfBf"fhfE,ª,È,¯,ê,İ-³"®□ì,Ä,·)□B•**¶Žš—ň**,ªŽw'è,ª,ê,Ä□A^È'O•\  
Ž!,³,ê,Ä,ç  
,½fEfBf"fhfE,ª¶İÝ,·,é□ê□#,Í□A^è'U^È'O,İfEfBf"fhfE,ª□A<Ž,ª,ê,½CEã□A□V,½,ÈfEf  
Bf"fhfE,ª□ì□—,ª,ê,Ü,·□B  
,È,¯□A•È,Ì WinBatchEh ,đ<N"® ,μ,Ä□AfeBf"fhfE,đ•\Ž!,μ,½□ê□#,Í□A,»,ê,¼,ê,ì  
WinBatchEh ,ÄfEfBf"fhfE,ª□ì□—,ª,ê,é,½,β□AfeBf"fhfE,ª•;□"•\Ž!,³,ê,Ü,·□B

f{f^f",đ%Ÿ,·,Æ□A[fXfgfbfv],đ%Ÿ,μ,½,Æ,«,Æ"¯,¶"®□ì,ª□s,È,í,ê,Ü,·("ON STOP  
GOTO" ,ªŽw'è,ª,ê,Ä-³,¯,ê,İfofbf`ftf@fCf<,ª□I—  
¹,μ,Ü,·)□Bf{f^f",İfL□[f{□[fh,İfŠf^□[f"fl□[,Ä,Í%Ÿ,·,±  
,Æ,ª,Ä,«,Ü,¹,ň(fXfy□[fXfL□[,Ä,Í%Ÿ,·,±,Æ,ª,Ä,«,Ü,·)□B

fofbf` ,ª□I—¹,·,é,ÆfEfBf"fhfE,ÍŽ©"®"İ,É□A<Ž,ª,ê,Ü,·□B

### -ß,è'İ

, ,è,Ü,¹,ň□B  
0 □³□í□I—¹  
255 fpf%of□□[f^□[.İfGf%□□[

### —á

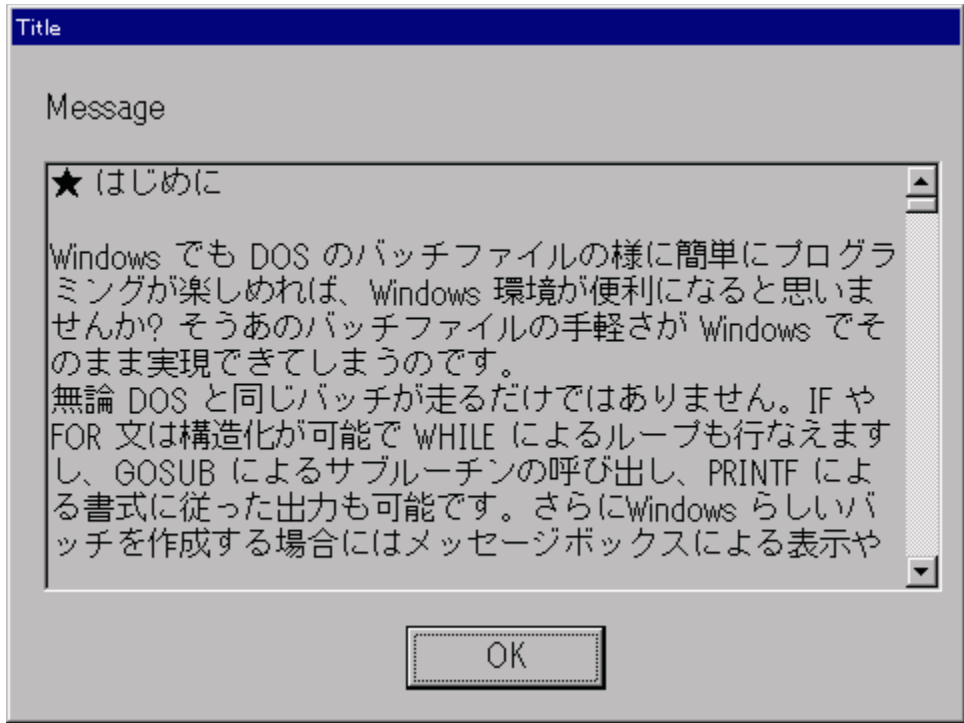
NONSTOPMESSAGE □^—□'t,Å,·  
NONSTOPMESSAGE /T:"□^—□CEo%ß" /M:"fXfgfbfv" C:\FILE1.DAT D:\FILE2.DAT  
NONSTOPMESSAGE=MB\_FORMAT /U frfs□[t,Å,·\n, ""Ō,¿,,¾,³,ç...  
NONSTOPMESSAGE /M:"Ō,Ä,ì,ÍÉ™" /WP:100,200 ,μ,Í,ç,, ""Ō,¿,,¾,³,ç...  
NONSTOPMESSAGE /M:"Ō,Ä,ì,ÍÉ™" /WS:400,150 /F:"l,r -¾'©" /FS:30  
'Ō,Ä,Ä,ç,é,ň,¾

### ŽQ□I

MESSAGEBOX, MSGBOX  
DISPLAYBMP  
PRINTF  
ON STOP GOTO

**DISPLAYTEXT=ftf%ofo [Y] [N] [U] [T:]^fcfgf<"**  
**[M:]^f^fbfz^fw") [WP:]^fEfCf^fhfE%oi^É'u],[c^É'u]] [WS:]**  
**[fEfBf^fhfE,ì,^,^,^]] [O:]^f^fcfEfAfEfg^b] [F:]^ftfHf^fg-¼"**  
**[FS:]^ftfHf^fg,ì,^,^,^]] [E] [-] TXTftf@fcf<-¼**

fefLjXfgftf@fcf<(TXT),ì\Žì,đs,È,Á,ÄA%ž"š,đ'Ò,¿,Ü,^BŽÿ,ì,æ,æ  
 ,ÉfEfBf^fhfE,Á,^B



ftf%ofo,ìžw'è,É,æ,Á,Äf{f^f"^\Žì,ìžw'è,đs,È,æŽ-  
 ,ā,Á,«,Ü,^B""l,ì,^,^,^,Ä16i^",Á,^B('è<^\Žš-ñ,đŽg-  
 p,^,é^è^†,í^ā^\Žš,Ážw'è,μ,Á,,¾,¾,^,^)^B

|                            |                      |
|----------------------------|----------------------|
| <^"'^l> <'è<^\Žš-ñ>        | <^\Žì,¾,è,éf{f^f">   |
| Žw'è,È,μ                   | [OK]                 |
| 0x0000 MB_OK               | [OK]                 |
| 0x0001 MB_OKCANCEL         | [OK] [^Y¾Ù]          |
| 0x0002 MB_ABORTRETRYIGNORE | ['tŽ~] [ÄŽŽs] [-¾Ž<] |
| 0x0003 MB_YESNOCANCEL      | [,Í,^] [,^,^,^]      |
| [^Y¾Ù]                     |                      |
| 0x0004 MB_YESNO            | [,Í,^] [,^,^,^]      |
| 0x0005 MB_RETRYCANCEL      | [ÄŽŽs] [^Y¾Ù]        |

f{f^f",ì%ž"š,É,æ,è^È  
 %o°,IERRORLEVEL,đ^Ô,μ,Ü,^BERRORLEVEL,ì"äŠr,í""l,¾,^,^,Á,í,È,^A'è<^\Žš-

ň,Æ"äŠr,·,éŽ-,à%oÅ"\,Å,·□B

|        |          |              |
|--------|----------|--------------|
| <□"'l> | <f{f^f"> | <'è<`·¶Žš-ň> |
| 1      | [OK]     | IDOK         |
| 2      | [·-Ý¾Ù]  | IDCANCEL     |
| 3      | [ '†Ž~]  | IDABORT      |
| 4      | [□ÄŽ□s]  | IDRETRY      |
| 5      | [-¾Ž<]   | IDIGNORE     |
| 6      | [,Í,φ]   | IDYES        |
| 7      | [,φ,φ, ] | IDNO         |

,Ü,½□A^È%o°,lfvfVf#f",aŽw'è,Å,«,Ü,·(fifvfVf#f" <y,Ñ·¶Žš-  
ň,ÆlfvfVf#f",ìŠÖ,lfXfy□[fX,ð<ó,¯,Ä,,¾,¾,φ)□B

```

/Y fEfBf"fhfE,ð□í,É'0-Ê,É·\Ž|,μ,Ü,·□B
/N ·\Ž|Æäfofbf`,É·œ<A,μ,Ü,·□Bf{f^f",ð·\
Ž|,μ,Ü,¹,ň□B
/U ·\
Ž|Æäfofbf`,É·œ<A,μ,Ü,·□Bf{f^f",Í[ '†Ž~]f{f^f",a·\Ž|,¾,ê,Ü,·□B
/T:"·¶Žš-ň" fEfBf"fhfEf^fCfj<,ÌŽw'è,ð□s,É,φ,Ü,·(ffftfHf<fg,Í
"Display Text")□B
/M:"·¶Žš-ň" f□fbfZ□[fW-",É·\
Ž|,·,é□fbfZ□[fW,ðŽw'è,μ,Ü,·(ffftfHf<fg,Í·\Ž|,È,μ)□B
/WP:‰i,□c fEfBf"fhfE,Ì‰
i□A□c,Ì^È'u,ðfXfNfŠ□[f"ftfCfY,ÅŽw'è,μ,Ü,·(ffftfHf<fg,Í'†‰>)□B
/WS:·□,□,¾ fEfBf"fhfE,Ì‰
i□A□c,ÌftfCfY,ðfXfNfŠ□[f"ftfCfY,ÅŽw'è,μ,Ü,·(ffftfHf<fg560x420)□B
/O:□"'l f^fCf€fAfEfG·b,ðŽw'è,μ,Ü,·□B
/F:"FONT-¼" ·\Ž| "à-e,ÌftfHf"fg,ð·İ□X,·,é□ê□#,ÉftfHf"fg-
¼,ðŽw'è,μ,Ü,·(ffftfHf<fg,ÍSystemftfHf"fg)□B
/FS:□,¾,·□ ftfHf"fg-¼,ðŽw'è,μ,½□ê□#,É·K-
v,È,ç,ÌftfHf"fg,ÌftfCfY,ðŽw'è,μ,Ü,·□B
/E f{f^f",Ìf□fbfZ□[fW,ð‰pÊè,É,μ,Ü,·□B
- ftf@fCf<,Å,Í,È,^È□~,Ì·¶Žš-ň,ð·\
Ž|,μ,Ü,·□B

```

/Y,ðŽw'è,·,é,Æ□AfEfBf"fhfE,â□í,É'¼,lfEfBf"fhfE,æ,è'O-Ê,É·\Ž|,¾,ê,é,æ,α  
É,È,è,Ü,·□B

```

/U,Ü,½,Í/N,ðŽw'è,·,é,Æ□AfEfBf"fhfE,ð·\Ž|Æä,·,®,Éfofbf`,É·œ<A,μ,Ü,·□B/U
,lf{f^f",ì·\Ž|,â□s,É,í,ê,Ü,¹,ň□B/N,Í[ '†Ž~]f{f^f",ð·\Ž|,μ,Ü,·(f{f^f",ð
%oÝ,·,Æ□A[fXfgfbfv],ð%oÝ,μ,½,Æ,«,Æ"-,¶"®□ì,â□s,É,í,ê,Ü,·□B"ON STOP GOTO"
,aŽw'è,¾,ê,Ä-¾,¯,ê,lfofbf`ftf@fCf<,â□l-
¹,μ,Ü,·)□BÄ"xDISPLAYTXT,ðÆÄ,Ñ□o,·,Æ^È'O·\Ž|,¾,ê,Ä,φ
,½fEfBf"fhfE,Í□Ä<Ž,¾,ê,Ü,·(ftf@fCf<-¼,ðŽw'è,μ,È,¯,ê,Í□Ä<Ž,Ì,Ý,â□s,È,í,ê,Ü,·)□B

```

/T,Å,lf^fCfgy<,É,lfEfBf"fhfE,lf^fCfgy<,đŽw'è,μ,Ü,·□B/T:"Window Title" ,l,æ,α  
,Éf^fCfgy<,đ "" ,Å^Í,Á,ĂŽw'è,μ,Ă,,¾,¾,ç□BŽw'è,ª,È,¯,ê,Î "Display Text"  
,af^fCfgy<,É,È,è,Ü,·□B

/M,Å,lf□fbfz□[fW,É,Í□A□fbfz□[fW,đŽw'è,μ,Ü,·□B/M:"Message String" ,l,æ,α  
,Éf□fbfz□[fW,đ "" ,Å^Í,Á,ĂŽw'è,μ,Ă,,¾,¾,ç□BŽw'è,ª,È,¯,ê,Î%½,à•Ž|,³,ê,Ü,¹,ň□B

/WP,É'±,¯,Ä%oi^É'u,Æ□c^É'u,đŽw'è,·,é,Æ□AfeBf"fhfE,Ì^É'u,đ•İ□X,·,éŽ-  
,ª,Å,«,Ü,·□B/WP:100,200 ,l,æ,α,É□A/WP,É'±,¯,Ä%oi,Æ□c,Ì^É'u,lfhfbfgy□",đjff"f}  
(',') ,Å<æ□Ø,Á,ĂŽw'è,μ,Ă,,¾,¾,ç(ŠŎ,ÉfXfy□[fX"™ ,Í"ü,ê,È,ç,Å,,¾,¾,ç)□B%  
i,Ü,½,Í□c,ì,ç,ì,ç,©^ê•û,¾,¾,¯,đŽw'è,·,é,Æ□A—  
¼•û"¯,¶'l,Æ,μ,ĂEvŽZ,³,ê,Ü,·□BŽw'è,ª,È,¯,ê,İffXfNfgfbfv,ì+%>,É•Ž|,³,ê,Ü,·□B

/WS,É'±,¯,Ä•□,Æ□,,³,đŽw'è,·,é,Æ□AfeBf"fhfE,lfTfCfY,đ•İ□X,·,éŽ-  
,ª,Å,«,Ü,·□B/WS:640,400 ,l,æ,α,É□A/WS,É'±,¯,Ä•□,Æ□,,³,lfhfbfgy□",đjff"f}(',')  
,Å<æ□Ø,Á,ĂŽw'è,μ,Ă,,¾,¾,ç(ŠŎ,ÉfXfy□[fX"™ ,Í"ü,ê,È,ç,Å,-  
,¾,¾,ç)□B•□,Ü,½,Í□,,³,ì,ç,ì,ç,©,đ□È—  
ª,·,é,Æ□A4'Í3,ÌŠ,,□‡,Å□AŽw'è,μ,È,©,Á,½•û,lfTfCfY,ÍŽ©"®"l,ÉEvŽZ,³,ê,Ü,·□BŽ  
w'è,ª,È,¯,ê,Î%o;560□A□c420(ŠÅ<« ,É,æ,Á,Ă,lf^fCfgy<fo□[,ì□,,³,ª^á,α,½,βŽáŠ±  
,ìCEè□,ª, ,è,Ü,·),lfTfCfY,É,È,è,Ü,·□B

/O,đŽw'è,·,é,Æ□AŽw'è,ì•b□",ªCEo  
%oβ,μ,Ă,à'l'đ,ª□s,È,í,ê,È,©,Á,½□è□‡Ž©"®"l,ÉfEfBf"fhfE,ª•Á,¶,é,æ,α  
,É,È,è,Ü,·□B,±,ì,Æ,«-β,è'l(ERRORLEVEL),Í0,É,È,è,Ü,·□B/O:20 ,l,æ,α,É□A/O ,É'±  
,¯,Af^fCfEƒAfeBfgyŽžŠŎ,đ•b□",ĂŽw'è,μ,Ă,-  
,¾,¾,ç,ç□Bf^fCfEƒAfeBfgyŽžŠŎ,Í1□`60•b,Ü,ĂŽw'è,Å,«,Ü,·□B

/F,đŽw'è,·,é,Æftf@fCf<"à—e•Ž|,lfTfHf"fg,đ•İ□X,·,é,±,Æ,ª,Å,«,Ü,·□B/F:",l,r ,o-  
¾¼©" ,l,æ,α,É□A/F ,É'±,¯,ÄftfHf"fg-¾¼,đ "" ,Å^Í,Á,ĂŽw'è,μ,Ă,-  
,¾,¾,ç,ç□BŽw'è,ª,È,¯,ê,lfVfXfef€ftfHf"fg,ªŽg—p,³,ê,Ü,·□B  
,³,ç,É□A/FS,đŽw'è,·,é,Æ□AftfHf"fg,ì□,,³,Æ•□,đŽw'è,Å,«,Ü,·□B/FS:18,10 ,l,æ,α  
,É□A/FS,É'±,¯,Ä□,,³,Æ•□,đjff"f}(',') ,Å<æ□Ø,Á,ĂŽw'è,μ,Ă,,¾,¾,ç  
(ŠŎ,ÉfXfy□[fX"™ ,Í"ü,ê,È,ç,Å,,¾,¾,ç)□B□,,³,ì,Ý,đŽw'è,μ,Ă•□,đ□È—  
ª,·,é,Æ□A•□,ÍŽ©"®"l,ÉEvŽZ,³,ê,Ü,·□BŽw'è,ª,È,¯,ê,lfVfXfef€  
,lfTfHf<fg,ì'â,«,,³,É,È,è,Ü,·□B

/E,đŽw'è,·,é,Æ□Af{f^f",lf□fbfz□[fW,ª%opCEè,É,È,è,Ü,·□BŽw'è,ª,È,¯,ê,Î"ú-  
{CEè,Å•Ž|,³,ê,Ü,·□B

ftf@fCf<-¾¼,ì'ä,í,è,É□A□æ"ª,É -(f)fcfifX),đŽw'è,·,é,Æ□A^È□~ ,ì•¶Žš—  
ň,đ,»,ì,Ü,Ü•Ž|,μ,Ü,·□B,±,ì,Æ,«□Aftf%ofo,É MB\_FORMAT ,đŽw'è,μ,Ă,ç,ê,ì□A\n  
,lŽw'è,Å•Ž|"à—e,đ%ü□s,·,é,±,Æ,ª,Å,«,Ü,·□B

^μ,ì,éfeflfXfgftf@fCf<,ì□A'â32KB,lfTfCfY,Å,·□B,±  
,è,đ' ,ì,è'â,«,,³,ì□è□‡□A' ,ì,½•"•ª,ì•Ž|,³,ê,Ü,¹,ň□Bftf@fCf<"à,É

%oü[]sfR[]fh(CR,ÆLF),ŠÜ,Ü,ê,é[]ê[]‡,Í[]A,»,±,Å%oæ-Ê,ì•\Ž!“à—e,à  
%oü[]s,[]s,È,í,ê,Ü,·[]B

[]|^È'O,ìfo[]fWf‡f“,Å,íTfCfY,ìŽw'è,đ/X(•[]),Æ/Y([],,³),ÅŽw'è,·,é,æ,‡,É,È,Á,Ä,‡  
,Ü,μ,½,²/WS,É•í[]X,É,È,è,Ü,μ,½('A,μ[]A,±,ìfo[]fWf‡f“,Å,í /X, /Y,Å,ìŽw'è,à—  
LCEø,Å,·)[]B

### -ß,è'l

0 f^fCf€fAfEfGŽžŠÔ,²CEo%oß,μ,½  
1 []` 7 fšf^[]f“'l  
250 Žw'è,ìftf@fCf<,²CE©,Â,©,‡,È,‡  
252 f[]f,fš[][,²•s'«  
255 fpf%of[]f^[][,ìfGf%o[]

### —á

DISPLAYTXT README.TXT  
DISPLAYTXT /T:'[]^Ó[]',« /M:^È%o²,ìŽ-,É'[]^Ó,μ,Ä,,¾,³,‡ NOTE.TXT  
DISPLAYTXT=MB\_YESNO /T:"Title" /M:"Message" /WS:640 FILE.TXT  
DISPLAYTXT=MB\_OKCANCEL /T:"Title" /M:"Message" /WS:640,400 /O:10 /E  
FILE.TXT  
DISPLAYTXT /F:"l,r ,o-¾'©" /FS:18,10 FNAME.TXT  
DISPLAYTXT=MB\_RETRYCANCEL+MB\_FORMAT - fGf%o[][,²<N,«,Ü,μ,½[]B\n,‡,‡  
,μ,Ü,·,©?

### ŽQ[]l

MESSAGEBOX, MSGBOX  
NONSTOPMESSAGE, NONSTOPMSG  
DISPLAYBMP  
ON STOP GOTO



**DISPLAYBMP [/Y] [/B] BMPftf@fCf<-¼**

f r f b f g f } f b f v f t f @ f C f < ( B M P ) , ì • \ Ž ! , ð □ s , È , ç , Ü , : □ B f r f b f g f } f b f v , ì • \ Ž ! Ç ã , , ® , É f o f b f ` , É • œ < A , μ □ A □ ^ — □ , ð ' ± , ~ , Ü , : □ B Ž â , É f o f b f ` f t f @ f C f < , ì f l □ [ f v f j f " f O , È , Ç , ð f r f b f g f } f b f v , Å □ ì , Á , ½ □ ê □ ‡ , É • \ Ž ! , , é , ± , Æ , ð - Ú " l , Æ , μ , Å , ç , Ü , ( % œ ' œ , Ì S l □ Ü — p , Å , Í , , è , Ü , ¹ , ñ : - ) □ B

^ È % ° ° , ì f l f v f v f j f " , º Ž w ' è , Å , « , Ü , ( f l f v f v f j f " < y , Ñ • ¶ Ž š — ñ , Æ f l f v f v f j f " , Ì S Ó , ì f X f y □ [ f X , ð < ó , ~ , Å , ¾ , ¾ , ç ) □ B

/Y f E f B f " f h f E , ð □ í , É ' O - Ê , É • \ Ž ! , μ , Ü , : □ B  
/B f E f B f " f h f E , Ì ~ g ( B o r d e r ) , ð • \ Ž ! , μ , Ü , : □ B

/Y , ð Ž w ' è , , é , Æ □ A f E f B f " f h f E , º í , É ' ¼ , ì f E f B f " f h f E , æ , è ' O - Ê , É • \ Ž ! , ¾ , é , é , æ , ¨ , É , È , è , Ü , : □ B

/B , ð Ž w ' è , , é , Æ □ A f r f b f g f } f b f v • \ Ž ! , Ì ~ g , ð • \ Ž ! , μ , Ü , : □ B

**BMPftf@fCf<-¼** , º Ž w ' è , ¾ , é , È , - , é , Î □ A ^ È ' O • \ Ž ! , ¾ , é , Ä , ç , ½ f E f B f " f h f E , º , , é , Î □ Á < Ž , ¾ , é , Ü , ( ^ È ' O • \ Ž ! , ¾ , é , Ä , ç , ½ f E f B f " f h f E , º , È , - , é , Î - ¾ " ® □ ì , Å , ) □ **BMPftf@fCf<-¼** , º Ž w ' è , ¾ , é , Ä □ A ^ È ' O • \ Ž ! , ¾ , é , Ä , ç , ½ f E f B f " f h f E , º ¶ Ý , , é □ ê □ ‡ , Í □ A ^ è ' U ^ È ' O , ì f E f B f " f h f E , º □ Á < Ž , ¾ , é , ½ Ç ã □ A □ V , ½ , È f E f B f " f h f E , º □ ì - , ¾ , é , Ü , : □ B , É , " □ A • Ê , Ì W i n B a t c h E h , ð < N " ® , μ , Ä □ A f E f B f " f h f E , ð • \ Ž ! , μ , ½ □ ê □ ‡ , Í □ A , » , é , ¼ , é , Ì W i n B a t c h E h , Å f E f B f " f h f E , º □ ì - , ¾ , é , é , ½ , ß □ A f E f B f " f h f E , º ; □ " • \ Ž ! , ¾ , é , Ü , : □ B

f r f b f g f } f b f v , Í Ç ³ □ X □ ì □ - , ¾ , é , ½ ' å , « , ¾ , Å □ A % œ - Ê , Ì ' t % ° ° > , É • \ Ž ! , ¾ , é , Ü , : □ B B M P f t f @ f C f < , Í Ç ` Ž ® , É , æ , Á , Ä , Í ^ μ , ! , È , ç , ± , Æ , º , , è , Ü , : □ B , Ü , ½ □ A Ç , □ F □ ^ — □ , È , Ç , í □ s , È , Á , Ä , ç , Ü , ¹ , ñ , Ì , Å □ A % œ - Ê • \ Ž ! □ F , æ , è , à □ F □ " , º ½ , ç f t f @ f C f < , Í □ A , « , é , ç , É • \ Ž ! , ¾ , é , Ü , ¹ , ñ □ B

f o f b f ` , º □ ì - ¹ , , é , Æ f E f B f " f h f E , Í Ž © " ® " l , É □ Á < Ž , ¾ , é , Ü , : □ B

**-ß,è'l**

0 □³ □ í □ ì - ¹  
1 f t f @ f C f < , º Ç © , Å , © , ç , È , ç , f t f @ f C f < , Ì " Ç , Ý □ Ž , Ý f G f % ° ° □ [

**-á**

DISPLAYBMP C:\WINDOWS\WINLOGO.BMP

**ŽQ□l**

NONSTOPMESSAGE, NONSTOPMSG  
DISPLAYTXT

## SNDPLAYSOUND[=ftf%ofo] [fTfEf“fhftf@fCf<-¼,Ü,½,ÍfGf“fgfŠ-¼]

Žw'è,³,ê,½WAVftf@fCf<,Ü,½,ÍfTfEf“fh□Ý'è,ĂŽw'è,³,ê,½ftf@fCf<,ì□Ă□¶,ð□s,È,ç,Ü,·□BŽw'è,³,ê,½ftf@fCf<,²,Ü,½,ÍfGf“fgfŠĚ©,Â,©,ç,È,ç□ê□¶,ì  
SystemDefault(^ê"È,ìĚx□□%¹),²□Ă□¶,³,ê,Ü,·□B

'Ê□íĚfWfXfgfŠff□[f^(Windows 3.1,Á,ÍWIN.INI,ì[sounds]fZfNfVf#f")  
,É,ÍŽŸ,ÍfGf“fgfŠ,²"ü,Á,Ă,ç,Ü,·□B

SystemStart Windows,ì<N"®  
SystemExit Windows,ì□I—¹  
SystemHand fVfXfef€ fGf%o□[  
SystemExclamation f□fbfZ□[fW(Ěx□□)  
SystemAsterisk f□fbfZ□[fW(□í•ñ)  
SystemQuestion f□fbfZ□[fW(-â,ç□¶,í,¹)  
SystemDefault ^ê"È,ìĚx□□%¹

ftf@fCf<-¼,ÉfpfX,ðŠÜ,ß,È,ç□ê□¶,ÍffĚf“fg, WINDOWS, Windows ,ì SYSTEM,  
WinBatchEh <N"®Žž,É□Ý'è,³,ê,Ă,ç,½ŠĂ<<•Ī□" PATH ,ìffBfĚfNfgfŠ(WinBatchEh  
"à,Ă□Ý'è,µ,½ PATH ,ÍŽQ□Æ,µ,Ü,¹,ñ),ðĚŸ□ð,É□s,«,Ü,·□B

ftf%ofo,í"®□ì"à—e,ðŽw'è,µ,Ü,·□B•K—v,É, ,í,¹,Ă^È%o²,ì□"'l,ð□Ý'è,µ,Ă,-  
,¾,³,ç□B('è<•¶Žš—ñ,ðŽg—p,·,é□ê□¶,Í'â•¶Žš,ĂŽw'è,µ,Ă,,¾,³,ç)□B

<□"'l> <'è<`•¶Žš—ñ> <"®□ì"à—e>  
Žw'è,È,µ  
fTfEf“fh,²□I—¹,·,é,Ì,ð'Ò,Â  
0x0000 SND\_SYNC fTfEf“fh,²□I—  
¹,·,é,Ì,ð'Ò,Â  
0x0001 SND\_ASYNC fTfEf“fh,²□I—  
¹,·,é,Ì,ð'Ò,½,È,ç  
0x0002 SND\_NODEFAULT  
ftf@fCf<,²,È,~,ê,ÍffftfHf<fg,İ%¹,ð□o,³,È,ç  
0x0008 SND\_LOOP ftf@fCf<—  
¼,È,µ,Ă,±,ĪfRf}f“fh,ð□Ă"xĚĂ,Ñ□o,·,Ü,Ă□Ă□¶,ðĚJ,è•Ô,·  
0x0010 SND\_NOSTOP  
fTfEf“fh,²,·,Ă,É□Ă□¶'t,È,çŽw'è,³,ê,½fTfEf“fh,ì□Ă□¶,í□s,È,í,È,ç

•i□,ì"®□ì,ð, ,í,¹,ĂŽw'è,·,é,±,Æ,à%oÂ"\,Ă,·□B,È,"□ASND\_LOOP,ðŽg—p,·,é,Æ,«,í  
SND\_ASYNC ,àŽw'è,µ,Ă,,¾,³,ç□B

-ß,è'l  
,,è,Ü,¹,ñ□B

—á

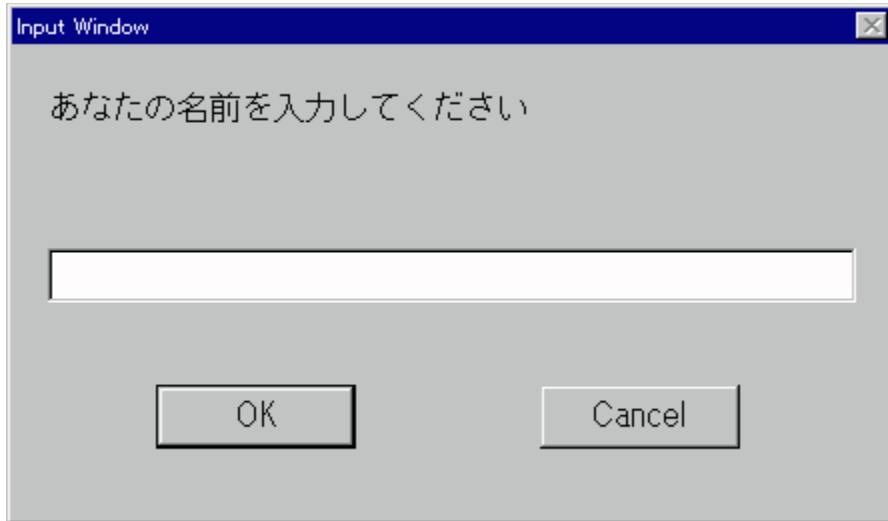
SNDPLAYSOUND SystemStart  
SNDPLAYSOUND TADA.WAV  
SNDPLAYSOUND=SND\_LOOP+SND\_ASYNC CHIMES.WAV  
SNDPLAYSOUND=SND\_NODEFAULT (SND\_LOOP,Å,ÏÄ¶,öŽ~,ß,é)

**ŽQ¶**

MESSAGEBEEP, MSGBEEP

## INPUTSTRING[=ftf%ofO] ŠÂ««•İ□”-¼ [•\Ž!f□fbfZ□[fW [f^fCfjf<]]

f\_fCfAf□fOf{fbfNfX,đ•\Ž! ,μ,Ä•ŋŽš—ñ“ü—Í,đ□s,È,ç,Ü,·□BŽŸ,ì,æ,±,ÉĚ`Ž® ,İfEfBf“fhfE,Å,·□B



ŠÂ««•İ□”-¼,É,Í“ü—Í,μ,½•ŋŽš—ñ,đ‘ă“ü,·,éŠÂ««•İ□”-¼,đŽw’è,μ,Ü,·□B,±,İŠÂ««•İ□”,â<ó,Å,È,·,ê,Î□A“ü—Í•ŋŽš—ñ,İ□%oSú’l(ffftfHf<fg),Æ,μ,Ä□ASÂ««•İ□”,ì“à—e,â“ü—İfEfBf“fhfE,ÉŽn,ß,É•\Ž!,³,ê,Ü,·□B

•\Ž!f□fbfZ□[fW,É,Íf□fbfZ□[fW•\Ž!^É’u,Ö,ì•\Ž!•ŋŽš—ñ,đŽw’è,μ,Ü,·□BŽw’è,â,È,·,ê,Î%½,à•\Ž!,³,ê,Ü,¹,ñ□B

f^fCfjf<,İfEfBf“fhfE□ã•”,É•\Ž!,³,ê,é•ŋŽš—ñ,đŽw’è,μ,Ü,·□BŽw’è,â,È,·,ê,Î□uInput Window□v,âf^fCfjf<,É,È,è,Ü,·□B

ftf%ofO,Í“®□ì“à—e,đŽw’è,μ,Ü,·□B•K—v,É, ,í,¹,Ä^È%º,ì□”’l,đ□Ÿ’è,μ,Ä,-,³/4,³,ç□B(‘è<`•ŋŽš—ñ,đŽg—p,·,é□ê□‡,Í‘â•ŋŽš,ÅŽw’è,μ,Ä,,³/4,³,ç)□B

<□”’l> <‘è<`•ŋŽš—ñ>

0x0020 ES\_PASSWORD

‰B,μ,Ü,· (\*,đ•\Ž!)

0x4000 ES\_FORMAT

n,È,ç,İfGfXfP□[fv,đ“K—p,·,é

<“®□ì“à—e>

“ü—Í•ŋŽš,đ

•ŋŽš—ñ,É\

ES\_FORMAT,đŽw’è,μ,½□ê□‡ PRINTF ,Æ“·,ŋĚ`Ž®,Å\n,È,ç,İfGfXfP□[fv,âŽg—p,Å,«,Ü,·(fGfXfP□[fv,Ì,Y,Å%%d,È,ç,Ì^ø□”,ÍŽg—p,Å,«,Ü,¹,ñ)□B,±,ê,É,æ,è•ŋŽš—ñ,ì“r’t,Å%ü□s,È,ç,đ□s,È,±,Æ,â,Å,«,Ü,·□B

-ß,è’l

0           □³□í□|—¹  
1           ft□[fU□[,ª'tŽ~ ,µ,½  
254         ŠĀ««•í□",ì—ì^æ,ª'« ,è,È,¢  
255         fpf%of□□[f^□[,ª•s'«

### —á

INPUTSTRING NAME -¼'O,đ"ü—í,µ,Ä,,¾,³,¢  
INPUTSTRING=ES\_PASSWORD PASSWD fpfXf□□[fh,đ"ü—í,µ,Ä,,¾,³,¢  
INPUTSTRING=ES\_PASSWORD+ES\_FORMAT PASSWD fpfXf□□[fh,đ"ü—í,µ,Ä,-  
,¾,³,¢\n(4Ĉ...)

### ŽQ□I

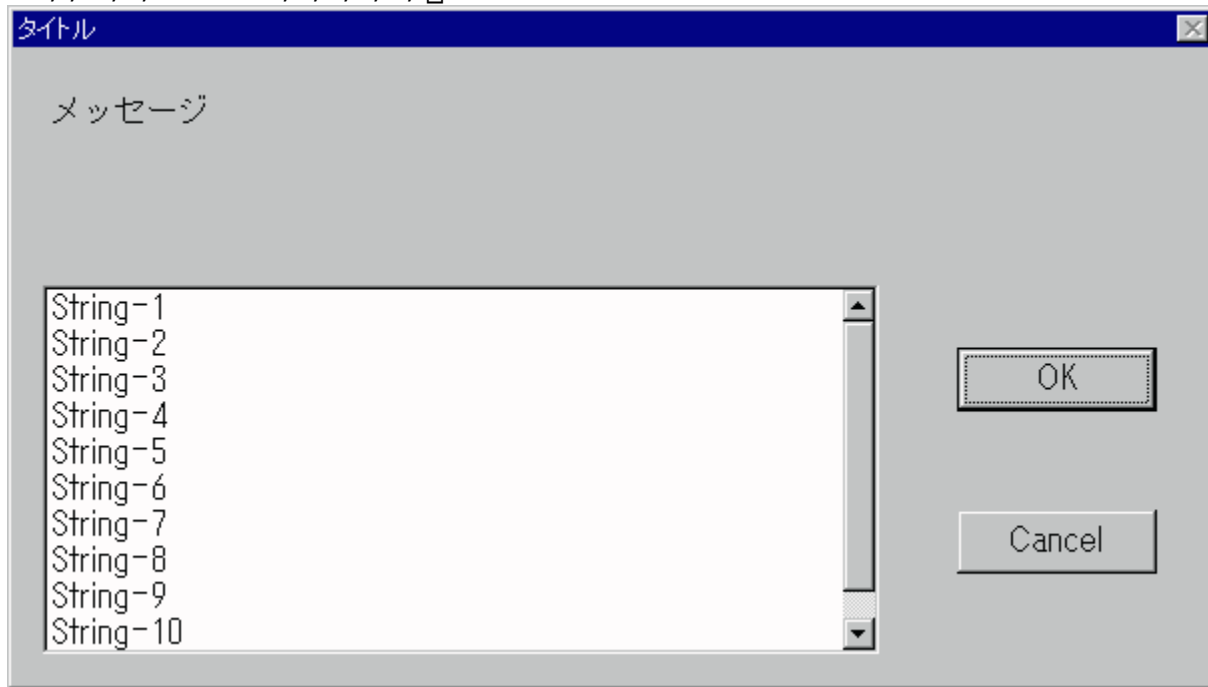
SELECTSTRING

GETOPENFILENAME

**SELECTSTRING[=f^fCf€fAfEfg•b] [/T[:]"f^fCfƒg<"] [/M[:]"fƒfbfZ[fW"]  
 [/E[:]ŠĀ<<•İ"-¼] [/X[:]Ā'ă•ŲŽš—ň"] [/A] [/S] [/I] [/F] [/B] [•ŲŽš—ň1  
 [•ŲŽš—ň2 ...]]**

fŠfXfƒg{fbfNfX,©,ç•ŲŽš—ň,İ'I'đ,đs,È,ƒ,Ü,•B

ŽŸ,İ,æ,ɹ,È%œ-Ê,É,È,è,Ü,•B



^È%œ,İfƒvƒfƒ",ăŽw'è,Ā,«,Ü,(fƒvƒfƒ"<y,Ń•ŲŽš—  
 Ń,Æfƒvƒfƒ",İŠŌ,İfXfy[fX,đ<ó,̄,Ā,,¾,¾,ƒ)B

```

/T:"•ŲŽš—ň" fEfbf"fhfEf^fCfƒg<,İŽw'è,đs,È,ƒ,Ü,(ffftfHf<fg,İ
"Select Window")B
/M:"•ŲŽš—ň" f^fCfƒg<,Æf{f^f",İŠŌ,É•\
Žİ,•,éƒfbfZ[fW,đŽw'è,μ,Ü,(ffftfHf<fg,İ•\Žİ,È,μ)B
/E:•İ"-¼ ŠĀ<<•İ",É'I'đ,μ,½•ŲŽš—ň,đ'ă"ü,μ,Ü,•B
/X Ā'ă,İ•ŲŽš—
ň",đŽw'è,μ,Ü,(ffftfHf<fg240)B
/A •İ,İ•ŲŽš—ň,đ'I'đ%Ā"\,É,μ,Ü,•B
/S •ŲŽš—ň,đf\ [fg,μ,Ü,•B
/I •ŲŽš—ň,İŽw'è,đ INI ftf@fCf<,Ās,È,ƒ
,Ü,•B
/F •ŲŽš—
ň,İŽw'è,đfƒLfXfƒgftf@fCf<,©,ç"Ç,Ýž,Ý,Ü,•B
/B •ŲŽš—ň,İŽw'è,đ'±,s,Ās,È,ƒ,Ü,•B
  
```

/T,Å,lf^fCfgr<,É,lfEfBf“fhfE,lf^fCfgr<,đŽw'è,μ,Ü,·□B/T:"Window Title" ,l,æ,κ  
,Éf^fCfgr<,đ "" ,Å^Í,Á,ÄŽw'è,μ,Ä,,¾,¾,ç□BŽw'è,ª,È,·,ê,Î "Select Window"  
,ªf^fCfgr<,É,È,è,Ü,·□B

/M,Å,lf□fbfZ□[fW,É,Í□A□fbfZ□[fW,đŽw'è,μ,Ü,·□B/M:"Message String" ,l,æ,κ  
,Éf□fbfZ□[fW,đ "" ,Å^Í,Á,ÄŽw'è,μ,Ä,,¾,¾,ç□BŽw'è,ª,È,·,ê,Î%½,à•Žl,¾,ê,Ü,¹,ñ□B

/E,đŽw'è,·,é,Æ'Í'đ,μ,½•¶Žš—ñ,đŠÂ«•İ□",É'ã"ü,·,é,±,Æ,ª,Å,«,Ü,·□B/E:NAME  
,l,æ,κ,É /E ,É'±,·,ÄŠÂ«•İ□"-¼,đŽw'è,μ,Ä,,¾,¾,ç□B•¶Žš—  
ñ,Í'Í'đ,ª□s,É,í,ê,È,©,Å,½□ê□#□A,» ,İŠÂ«•İ□",Í<ó,É,È,è,Ü,·(□í□œ,¾,ê,Ü,·)□B

/X,đŽw'è,·,é,Æ□A□Å'ã,Ì•¶Žš—ñ,Ì□",đŽw'è,Å,«,Ü,·□BŽw'è,ª,È,·,ê,Î240(□Å'ã'Í)  
,Å,·□BINI ftf@fCf<,©,ç,Ì"Ç,Ý□ž,ÝŽž,ÍŽžŠÓ,ªs|,©,è,Ü,·,ª□A,±  
,lf|fvfvf#f" ,Å□Å'ã□",đ□sCEÀ,·,é,±,Æ,É,æ,è□A'Ò,žŽžŠÓ,đCE,·,ç,·,±,Æ,ª,Å,«,Ü,·□B

/A,đŽw'è,·,é,Æ□A•i□",Ì•¶Žš—ñ,ª'Í'đ%Å"\\,É,È,è,Ü,·□B/  
E,đŽw'è,μ,½□ê□#□ASÂ«•İ□",É,Í'Í'đ,μ,½•¶Žš—  
ñ,ª□A<ó"" ,Å<æ□Ø,ç,ê,Ä'ã"ü,¾,ê,Ü,·(•¶Žš—ñ,É<ó"" ,ªšÜ,Ü,ê,é□ê□# ,ÍSY"--•¶Žš—ñ,ª  
"" ,Å^Í,í,ê,Ü,·)□B/E,đŽw'è,μ,Ä'ã"ü,Å,«,é'S•¶Žš□",Ì□#CEv,Í-  
ñ500•¶Žš^È"à,Å,·,Ì,Å□A'òŽR,Ì•¶Žš—ñ,đ'Í'đ,μ,½□ê□#□A^ê•",Ì•¶Žš—  
ñ,ª'ã"ü,¾,ê,È,ç,±,Æ,ª,·,è,Ü,·□B

/S,đŽw'è,·,é,Æ□A•¶Žš—ñ,đf□[fg,μ,Ü,·□B,±  
,lžw'è,ª,È,·,ê,Ìžw'è,¾,ê,½□# "Ó,» ,l,Ü,Ü,É,È,è,Ü,·□B

•¶Žš—ñ,É,lfšfXfg,É•Žl,·,é•¶Žš—ñ,đŽw'è,μ,Ü,·□B1,Å,Ì•¶Žš—  
ñ,É,Í□Å'ã128•¶Žš,ªžw'è,Å,«,Ü,·,ª□A•¶Žš—ñ,ª'·,-  
,É,é,ÆfšfXfg,©,ç,Í,Ý□o,μ,Ä,μ,Ü,ç,Ü,·(Í,Ý□o,μ,½•"•ª,Í•\  
Žl,ª□s,É,í,ê,Ü,¹,ñ)□B,» ,ê,¼,ê,Ì•¶Žš—ñ,Í240CEÀ,Ü,Äžw'è,Å,«,Ü,·□B

/I,đŽw'è,·,é,Æ•¶Žš—ñ,Ì"à—e,đlNlftf@fCf<,©,çŽæ,è□ž,p,±,Æ,ª,Å,«,Ü,·□B/  
I,đŽw'è,μ,½□ê□#SELECTSTRING,lfpf%of□□[f^□[ ,ÍŽŸ,l,æ,κ,É,È,è,Ü,·□B

SELECTSTRING [fXfCfbf` ] /I fZfNfvf#f"-¼ fGf"fgrš-¼ INlftf@fCf<-¼

INlftf@fCf<,lfZfNfvf#f" ,ÆfGf"fgrš,ÍŽŸ,l,æ,κ,ÈCE` ,Å,·,ç,©,¶,ß□i□¬,μ,Ä,·,«,Ü,·□B(f  
ZfNfvf#f" ,ÆfGf"fgrš,Ì□Ú□×,É,Å,ç,Ä,Í GETINISTRING ,đŽQ□Æ,μ,Ä,,¾,¾,ç)

[section]  
entry1=1"Ô-Ú,Ì•¶Žš—ñ  
entry2=2"Ô-Ú,Ì•¶Žš—ñ  
:  
entry240=240"Ô-Ú,Ì•¶Žš—ñ

Žw'è,¾,ê,½fZfNfvf#f" ,ãftf@fCf<,ªCE©,Å,©,ç,È,ç□ê□#□A'S,•¶Žš—ñ,Ì•\  
Žl,ª□s,É,í,ê,Ü,¹,ñ□BINlftf@fCf<,©,ç,Ì"Ç,Ý□ž,Ý,ÍŽš±ŽžŠÓ,đ—v,μ,Ü,·□B

/F,đŽw'è,·,é,Æ•¶Žš—ñ,ì"à—e,đfefLfXfgftf@fCf<,©,ç"Ç,Ý□ž,Ý,Ü,·□B/  
F,đŽw'è,μ,½□ê□±SELECTSTRING,lfpf%of□□[f^□[,ÍŽÝ,ì,æ,α,É,È,è,Ü,·□B

SELECTSTRING [/fXfCfbf` ] /F ftf@fCf<-¼

Žw'è,·,éftf@fCf<,ì"à—e,Í, ,ç,©,¶,ß□ì□¬,μ,Ä,¨,«,Ü,·□B1□s-Ú,ª1"Ô-Ú,ì□A2□s-  
Ú,ª2"Ô-Ú,ì•¶Žš—ñ,ì"à—e,É,È,è,Ü,·□BŽw'è,³,ê,½ftf@fCf<-  
¼,ªCE©,Á,©,ç,È,ç□ê□±A'S,•¶Žš—ñ,ì•  
Ž,ì,ª□s,É,í,ê,Ü,¹,ñ□Bftf@fCf<,©,ç,ì"Ç,Ý□ž,Ý,Íftf@fCf<,ì'á,«,³,É,æ,èŽáŠ±ŽžŠÔ,đ—  
v,μ,Ü,·□B

/B,đŽw'è,·,é,Æ•¶Žš—ñ,ì"à—e,đ'±,□s,©,ç"Ç,Ý,Æ,è,Ü,·□B/  
B,đŽw'è,μ,½□ê□±SELECTSTRING,Æ'±,□s,ÍŽÝ,ì,æ,α,É,È,è,Ü,·□B

SELECTSTRING [/fXfCfbf` ] /B  
1"Ô-Ú,ì•¶Žš—ñ  
2"Ô-Ú,ì•¶Žš—ñ  
:  
240"Ô-Ú,ì•¶Žš—ñ  
.

□ÁÆä,ì□s,í□æ"ª,É ". " ,ì,Ý,đŽw'è,μ,Ä,,¾,¾,ç□BGOTO,Á,lf%ofxf<,Æ<æ•Ê,ª,Á,«,É,ç  
,½,ß□A•¶Žš—ñ,í□æ"ª,É ":" ,ÍŽg—p,μ,È,ç,Ä,,¾,¾,ç□B

**f^fCf€fAfEfgŽžŠÔ**,đŽw'è,·,é,Æ□AŽw'è,ì•b□",ªCEo  
%oß,μ,Ä,à'í'đ,ª□s,É,í,ê,È,©,Á,½□ê□±Ž"®"l,ÉfEfbf"fhfE,ª•Á,¶,é,æ,α  
,É,È,è,Ü,·□B,±,ì,Æ,«-ß,è'l(ERRORLEVEL)  
,í0,É,È,è,Ü,·□Bf^fCf€fAfEfgŽžŠÔ,í1□`60•b,Ü,ÁŽw'è,Á,«,Ü,·□B

-ß,è'l(ERRORLEVEL),Æ,μ,Ä□A'í'đ,μ,½•¶Žš—ñ,ì□ã,©,ç□",,½'l(1,2,3..)  
,ª•Ô,è,Ü,·□B•¶Žš—ñ,ì'í'đ,í•¶Žš—ñ,đfVf"fOf<fNfŠfbfN,μ,Ä'í'đ□ó'Ô,É,μ,Ä[OK],đ  
%oÿ,·,©□A•¶Žš—ñ,đf\_fuf<fNfŠfbfN,·,é,±,Æ,É,æ,è□s,È,ì,Ü,·□B

**-ß,è'l**

, ,è,Ü,¹,ñ□B  
0 [Cancel],đ'í'đ, f^fCf€fAfEfgŽžŠÔ,ªCEo%oß,μ,½  
1 □` 240 (/A,đŽw'è,μ,È,ç,Æ,«)□ã,©,ç□",,½%oÿ,μ,½•¶Žš—ñ,ì^É'u  
1 □` 240 (/A,đŽw'è,μ,½,Æ,«)'í'đ,μ,½•¶Žš—ñ□"  
252 f□f,fš□[,ª•s'«  
254 ŠA««•í□",ì—ì^æ,ª•s'«  
255 fpf%of□□[f^□[,ª•s'«

**—á**

SELECTSTRING /M:"□^—□,đ'í'đ,μ,Ä,,¾,¾,ç" □i"ú,ì□^—□ □đ"ú,ì□^—□ -¾"ú,ì□^—□  
SELECTSTRING /T:"Mail" /M:"Select Your ID" /E:ID /I Member ID member.ini



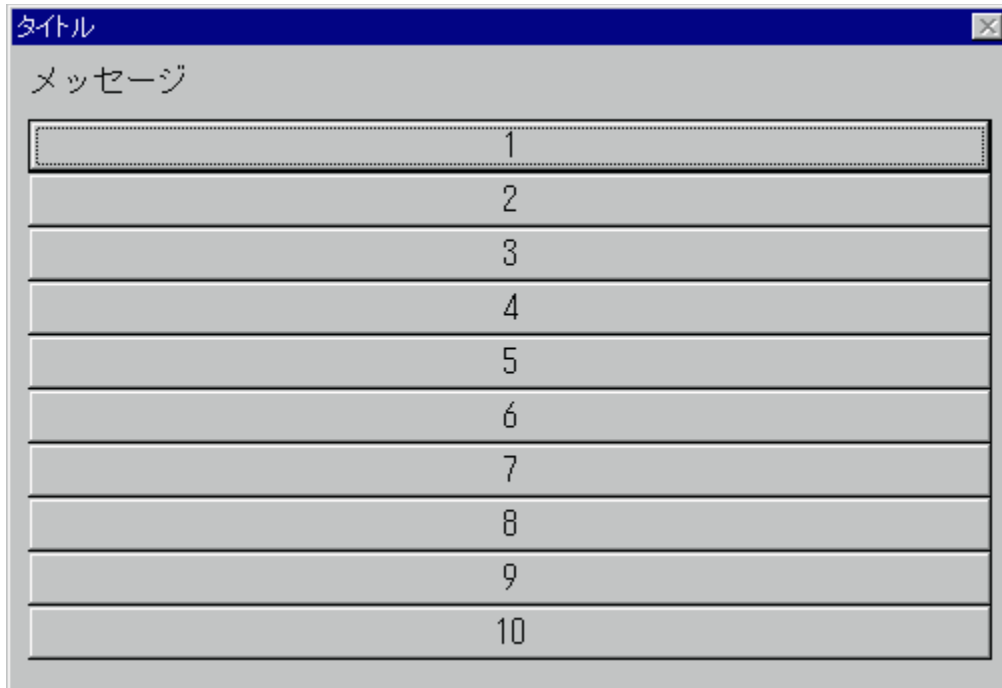
SELECTSTRING /S /E:NAME /F c:\data\namelist.txt

**žQ**

INPUTSTRING

**CHOICEBUTTON[=f^fCf€fAfEfg•b] [/T[:]"f^fCfƒg<"]  
 [/M[:]"f□fbfz□[fW"] [/L] [/V] [/I] [/F] [/B] [/Z] [f{f^f"1•ŀŽš—ñ  
 [f{f^f"2•ŀŽš—ñ ...]]**

10ĒĀ,}f{f^f",}t,©,ç'łđ,đ□s,È,Ā,Ā'ł,ñ,¼f{f^f",}ł,đ•Ō,μ,Ū,•□B  
 ŽŸ,ì,æ,κ,È%œ-Ê,É,È,è,Ū,•□B



^È%œ,}f{f^fVfƒ",}Žw'è,Ā,«,Ū,•(f{f^fVfƒ"<y,Ń•ŀŽš—  
 ñ,Æf{f^fVfƒ",}ŠŌ,}fXfy□[fX,đ<ó,˘,Ā,,¼,³,ƒ)□B

```

/T: "•ŀŽš—ñ" fEfBf"fhfEf^fCfƒg<, ÌŽw'è, đ□s, È, ƒ, Ū, • (ffftfHf<fg, Í
"Choice Window")□B
/M: "•ŀŽš—ñ" f^fCfƒg<, Æf{f^f", ÌŠŌ, É•\
Ž|, •, éf□fbfz□[fW, đŽw'è, μ, Ū, • (ffftfHf<fg, Í•\Ž|, È, μ)□B
/L f{f^f""à, Í•ŀŽš—ñ, đ□ŀŠñ, ¹, É, μ, Ū, •□B
/V <ó"" , Ìf{f^f", Ì•\Ž|, đ□s, È, ƒ, Ū, ¹, ñ□B
/I f{f^f""à-e, ÌŽw'è, đ INI ftf@fCf<, Ā□s, È, ƒ
, Ū, •□B
/F f{f^f""à-
e, ÌŽw'è, đfefLfXfgftf@fCf<, ©, ç"Ç, Ý□ž, Ý, Ū, •□B
/B f{f^f""à-e, ÌŽw'è, đ'±, □s, Ā□s, È, ƒ, Ū, •□B
/Z fEfBf"fhfE, ÌfAfCfRf""%», đ<-%Ā, μ, Ū, •□B

/T,Ā,}f^fCfƒg<,É,}fEfBf"fhfE,}f^fCfƒg<,đŽw'è,μ,Ū,•□B/T:"Window Title" ,ì,æ,κ
  
```

,Éf^fCfjgfk,ð "" ,Å^í,Á,ÄŽw'è,μ,Ä,,¾,¾,ç□BŽw'è,ª,È,¯,ê,Î "Choice Window"  
,æf^fCfjgfk,É,È,è,Ü,·□B

/M,Å,İf□bfZ□fW,É,Í□Af□bfZ□fW,ðŽw'è,μ,Ü,·□B/M:"Message String" ,İ,æ,κ  
,Éf□bfZ□fW,ð "" ,Å^í,Á,ÄŽw'è,μ,Ä,,¾,¾,ç□BŽw'è,ª,È,¯,ê,Î%½,à•\Ž!,¾,ê,Ü,¹,ñ□B

/L,ªŽw'è,¾,ê,é,Æf{f^f""à,ì•¶Žš—ñ,ð¶¶Šñ,¹,Å•\Ž!,μ,Ü,·□B'A,μfvf□f|  
□fVf#fif<ftfHf""fg(•¶Žš,É,æ,Á,Ä•□,ª^á,κ),ªŽg,í,ê,Ü,·,ì,Å□A,«,ê,ç,É,»,è,í,È,ç,±  
,Æ,ª, ,è,Ü,·□B/L ,ªŽw'è,¾,ê,È,¯,ê,Î'+%>μ,ì,Å•\Ž!,¾,ê,Ü,·□B

/V,ªŽw'è,¾,ê,é,Æ□A•¶Žš—ñ,ªŽw'è,¾,ê,½f{f^f"" ,ì,Ý,ð•\Ž!,μ□A<ó,İf{f^f"" ,í•\  
Ž!,ª□s,É,í,ê,È,,É,è,Ü,·□B/  
V,ìŽw'è,ª,È,¯,ê,Î<ó,İf{f^f"" ,àŠÜ,β,½10CEÂ,İf{f^f"" ,ª•K, ,•\Ž!,¾,ê,Ü,·□B

/Z,ðŽw'è,·,é,Æ□AfEfBf""fhfE,İfAfCfRf""%»f{f^f"" ,ª•\Ž!,¾,ê□AfAfCfRf"" ,É,·,é,±,Æ,ª  
%»Å"\,É,È,è,Ü,·(fEfBf""fhfEfTfCfY,ì•İ□X,à%»Å"\,É,È,è,Ü,·)□BfAfCfRf""%» ,μ,Ä,ç  
,é,Æ,« ,İfAfCfRf"" ,Í /Z[:]ftf@fCf<-¼[ ,fCf""fffbfNfX""Ô□+ ] ,ì—l,ÉŽw'è,μ,Ü,·(—á  
/Z:PROGMAN.EXE,2)□Bftf@fCf<-¼,É,İfAfCfRf""ftf@fCf<,àŽÀ□sftf@fCf<(EXE,DLL)  
,ªŽw'è,Å,« ,Ü,·□Bftf@fCf<"à,É•i□" ,İfAfCfRf"" ,ªŠÜ,Ü,ê,Ä,ç  
,é□ê□±,İfCf""fffbfNfX""Ô□+,ì□""l,É,æ,è□A,ç,İfAfCfRf"" ,ðŽg—p,·,é,© Žw'è,·,é,±  
,Æ,ª,Å,« ,Ü,·□BfCf""fffbfNfX""Ô□+,ð□É—ª,·,é,Æ0,É,È,è,Ü,·□Bftf@fCf<-¼^È%º,ª□È  
—ª,¾,ê,½□ê□±,İWinBatchEh""à,İffftfHf<fg,ìCHOICEBUTTON—  
p,İfAfCfRf"" ,É,È,è,Ü,·□B  
fAfCfRf""%» ,¾,ê,½fEfBf""fhfE,İfVfXfef€f□fj...□[(fRf""fgf□□f<f□fj...□l),í•\  
,í,ê,Ü,¹,ñ,ì,Å□ACE³,ì□ó'Ô,É-β,·,É,İfAfCfRf"" ,ðf\_fuf<fNfSfbfN,μ,Ü,·□B

•¶Žš—ñ,É,İf{f^f"" ,ì•\Ž!"à—e,ðŽw'è,μ,Ü,·□B•¶Žš—ñ,ª, ,Ü,è',-  
,É,é,Æf{f^f"" ,ÉŽù,Ü,è□∅,ç,É,,É,é,ì,Å'□^Ó,μ,Ä,-  
,¾,¾,ç(60•¶Žš(Š;Žš,Å30•¶Žš)'ö"x,ª□Å'â,Å,·)□B•¶Žš—  
ñ,ªŽw'è,¾,ê,È,© ,Å,½f{f^f"" ,í'ì'ð,ª□s,É,ì,Ü,¹,ñ□B  
•¶Žš—ñ,ìŽw'è,ª'S,,¾,ê,È,¯,ê,ÎŠef{f^f"" ,É1□ 10,ì□"Žš,ð•\Ž!,μ,Ü,·□B  
"" ,ìŽw'è,ðf{f^f"" ,ì•¶Žš—ñ,É,·,é,Æ□A%»Y,·,±,Æ,ª,Å,« ,È,ç<ó"" ,İf{f^f"" ,ð□l,é,±  
,Æ,ª,Å,« ,Ü,·□B  
f{f^f"" •¶Žš—ñ""à,Å &•¶Žš ,ìCE` ,ìŽw'è,ð□s,É,κ,Æ□A,»,ì•¶Žš,ÉfAf""f□f  
%»fCf"" ,ª^∅,© ,ê,Å•\Ž!,ª□s,É,í,ê□A,»,ì•¶Žš,ðfL□["ü—l,·,é,±  
,Æ,Å,à'ì'ð,ª□s,É,ì,é,æ,κ,É,È,è,Ü,·(—á: "□l—¹(&X)")□B& Ž©□g,ð•\Ž!,·,é,É,í &&  
,ì,æ,κ,É2,Å□d,È,ÄŽw'è,μ,Ä,,¾,¾,ç□B

/I,ðŽw'è,·,é,Æf{f^f"" ,ì•\Ž!"à—e,ðINİftf@fCf<,© ,çŽæ,è□ž,p,±,Æ,ª,Å,« ,Ü,·□B/  
l,ðŽw'è,μ,½□ê□±CHOICEBUTTON,İfpj%»f□□f^□l,ÍŽŸ,ì,æ,κ,É,È,è,Ü,·□B

CHOICEBUTTON [/fXfCfbf` ] /I fZfNfVf#f""-¼ fGf""fgfŠ-¼ INİftf@fCf<-¼

INİftf@fCf<,İfZfNfVf#f"" ,ÆfGf""fgfŠ,ÍŽŸ,ì,æ,κ,ÈCE` ,Å ,ç,© ,¶,β□l□—,μ,Ä,,« ,Ü,·□B(f  
ZfNfVf#f"" ,ÆfGf""fgfŠ,ì□Ú□x,É,Å,ç,Ä,Í GETINISTRING ,ðŽQ□Æ,μ,Ä,,¾,¾,ç)

[section]

entry1=1"Ô-Ú,lf{f^f",ì•¶Žš—ň

entry2=2"Ô-Ú,lf{f^f",ì•¶Žš—ň

⋮

entry10=10"Ô-Ú,lf{f^f",ì•¶Žš—ň

Žw'è,<sup>3</sup>,ê,½fZfNfVf+f",âftf@fCf<,âĀ©,Â,©,ç,È,ç□ê□#,â,.,x,Ä,lfGf"fgfŠ,âĀ©,Â,©,  
ç,È,ç□ê□#□AŠef{f^f",É1□`10,ì□"Žš,ð•\Ž!,μ,Û,·□B

Žw'è,<sup>3</sup>,ê,½fGf"fgfŠ,âĀ©,Â,©,ç,È,ç□ê□#,»{f^f",í<ó,É,È,è,Û,·□B

/F,ðŽw'è,.,é,Æf{f^f",ì•\Ž!"à—e,ðfefLfXfgftf@fCf<,©,ç"Ç,Ý□ž,Ý,Û,·□B/  
F,ðŽw'è,μ,½□ê□#CHOICEBUTTON,lfpf%□f□□f^□[,íŽÝ,ì,æ,α,É,È,è,Û,·□B

CHOICEBUTTON [fXfCfbf` ] /F ftf@fCf<-¼

Žw'è,.,éftf@fCf<,ì"à—e,í,.,ç,©,¶,ß□ì□¬,μ,Ä,.,«,Û,·□B1□s-Ú,â1"Ô-Ú,ì□A2□s-  
Ú,â2"Ô-Ú,lf{f^f",ì•\Ž!"à—e,É,È,è,Û,·□BŽw'è,<sup>3</sup>,ê,½ftf@fCf<-  
¼,âĀ©,Â,©,ç,È,ç□ê□#□AŠef{f^f",É1□`10,ì□"Žš,ð•\Ž!,μ,Û,·□B

/B,ðŽw'è,.,é,Æf{f^f",ì•\Ž!"à—e,ð'±,□s,©,ç"Ç,Ý,Æ,è,Û,·□B/  
B,ðŽw'è,μ,½□ê□#CHOICEBUTTON,Æ'±,□s,íŽÝ,ì,æ,α,É,È,è,Û,·□B

CHOICEBUTTON [fXfCfbf` ] /B

1"Ô-Ú,lf{f^f",ì•¶Žš—ň

2"Ô-Ú,lf{f^f",ì•¶Žš—ň

⋮

10"Ô-Ú,lf{f^f",ì•¶Žš—ň

□ĀĀě,ì□s,í□æ"â,É ".",ì,Ý,ðŽw'è,μ,Ä,,¾,¾,ç□BGOTO,Ā,lf%□xf<,Æ<æ•Ē,â,Ā,«,È,ç,  
½,ß□Af{f^f"•¶Žš—ň,ì□æ"â,É ":" ,íŽg—p,μ,È,ç,Ā,,¾,¾,ç□B

f^fCf€fAfEfgŽžŠÔ,ðŽw'è,.,é,Æ□AŽw'è,ì•b□",âĀ©  
%□ß,μ,Ä,à'í,ð,â□s,É,í,ê,È,©,Ā,½□ê□#Ž"®"l,ÉfEfBf"fhfE,â•Ā,¶,é,æ,α  
É,È,è,Û,·□B,±,ì,Æ,«-ß,è'l(ERRORLEVEL)  
í0,É,È,è,Û,·□Bf^fCf€fAfEfgŽžŠÔ,í1□`60•b,Û,ĀŽw'è,Ā,«,Û,·□B

,È,·□A1"Ô□ã,lf{f^f",íffftfHf<fgf{f^f",Ā,.,ì,Ā□AfŠf^□[f"fl□[,ð,ç,«,È,è%□ÿ,.,Æ,±  
lf{f^f",ì'í,ð,É,È,è,Û,·□B

-ß,è'l(ERRORLEVEL),Æ,μ,Ä□A'í,ð,μ,½f{f^f",ì□ã,©,ç□",ì,½'l(1,2,3..)  
â•Ô,è,Û,·□B

-ß,è'l

0 f^fCf€fAfEfgŽžŠÔ,âĀ©%□ß,μ,½

1 □`10 fŠf^□[f""l(□ã,©,ç□",ì,½%□ÿ,μ,½f{f^f",ì^Ē'u)

252 f[]f,fŠ[][,ª•s'«  
255 fpf%of[][]f^[][,ìfGf%o[]

—á

CHOICEBUTTON

CHOICEBUTTON /T:"^—[]'l'đfEjBf"fhfE" /M:"^—[],đ'l,ñ,Å,,¾,³,¢" []i"ú,ì^—[]  
[]đ"ú,ì^—[] -¾"ú,ì^—[]

CHOICEBUTTON=10 /L /V []i"N,ì^—[](&1) []đ"N,ì^—[](&2) —^"N,ì^—[](&3)  
'†'f(&X)

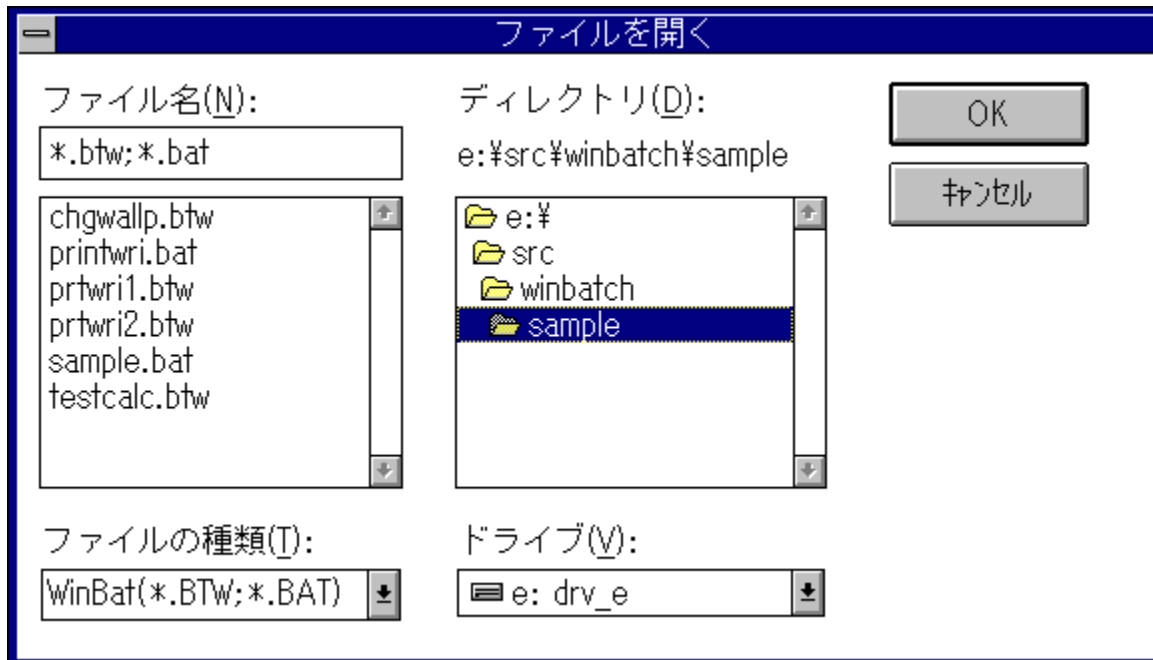
CHOICEBUTTON /V /I MENU ITEM MENU.INI

ŽQ[]I

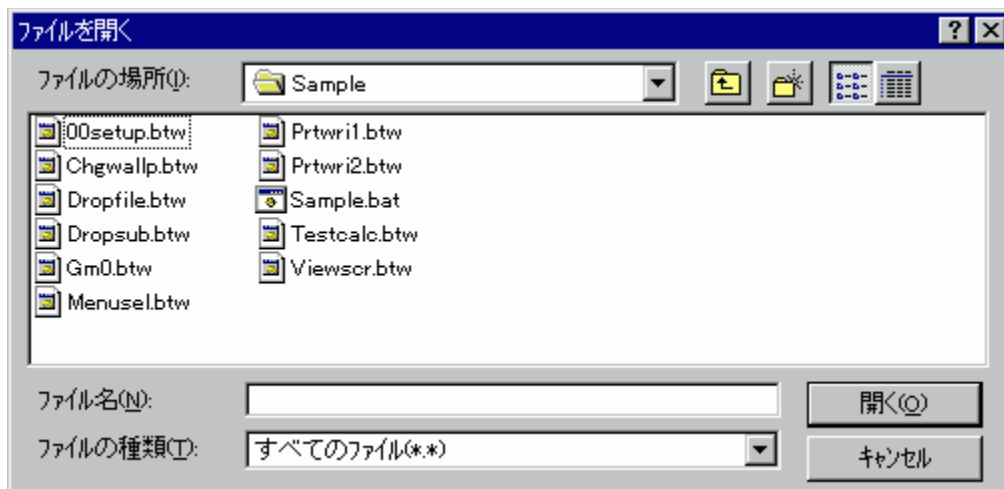
CHOICE

**GETOPENFILENAME[=ftf%ofo] [/T[:]"f^fCfjg<"] ŠÂ«•ï"-¼  
[ftf@fCf<f}fXfN]**

fRf,f"f\_fCfAf[]Of{fbfNfX,ðŽg—p,μ,Äftf@fCf<-¼,ì'í'ð,(Ü,½,í"ü—í),ð[]s,É,ç  
Ü,·[]BŽŸ,ì,æ,α,ÉCE`Ž® ,ìfEfBf"fhfE,Å,·[]B



Windows95,Å,íŽŸ,ì—í,ÉfEfBf"fhfE,É,È,è,Ü,·(OFN\_DIRSELECT ,Ü,½,í  
OFN\_ALLOWMULTISELECT  
,ðŽw'è,μ,½[]ê[]#,í'[]O[]q,ìCE`Ž® ,ìfEfBf"fhfE,É,È,è,Ü,·)[]B



ŠÂ«•ï"-¼,É,í'í'ð,μ,½ftf@fCf<-¼,ð'ä"ü,·,éŠÂ«•ï"-¼,ðŽw'è,μ,Ü,·[]Bftf@fCf<-¼,ìftf<fpfX,Å[]Ÿ'è,³,è,Ü,·[]B[]³[]í[]—

1,μ,È,©,Á,½□ê□±(ft□[fU□[,É,æ,éLffff“fZf<,âfGf  
%o□()ŠĂ<<•i□”,í,ó,É,È,è,Ü,·(□í□œ,³,è,Ü,·)□B

ftf@fCf<f}fXfN□Y’è,É,í•\  
Ž!,đ□s,È,πftf@fCf<,lf}fXfN,đ□Y’è,μ,Ü,·□Bftf@fCf<f}fXfN□Y’è,í  
“,·,x,Ä,lfyf@fCf<(\*.\*)” ,ì,æ,π,É,Ü,·□à-¾,đ□’,«’±  
,·,ÄŠ±œÉ“à,Éftf@fCf<,lf}fXfN,đ<L□q,μ,Ä,,¾,¾,ç□Bftf@fCf<f}fXfN,í  
"LHA(\*.LZH;\* .LZS)" ,ì,æ,π,ÉfZf~fRf□f“(;),Å<æ□Ø,Á,Ä•i□”Žw’è,·,é,±  
,Æ,ª,Ä,«,Ü,·□B  
f}fXfN□Y’èŽ©□g,đ•i□”Žw’è,·,é□ê□±,í  
"DOCUMENT(\*.DOC;\* .TXT),WRITE(\*.WRI)" ,ì,æ,π,Éffj“f}(,),Å<æ□Ø,Á,Ä,,¾,¾,ç□B  
ftf@fCf<f}fXfN□Y’è,ìŽw’è,ª,È,·,é,î,·,x,Ä,lfyf@fCf<,í’í’đ,É,È,è,Ü,·□B

/T,Å,lf^fCf<g,É,ífEfBf“fhfE,lf^fCf<g,đŽw’è,μ,Ü,·□B/T:"Window Title" ,ì,æ,π  
,Éf^fCf<g,đ "" ,Ä^í,Ä,ÄŽw’è,μ,Ä,,¾,¾,ç□BŽw’è,ª,È,·,é,î□uftf@fCf<,đŠj,-  
□v,af^fCf<g,É,È,è,Ü,·□B,È,“□A^È’O,ìfo□[fWf±f“,Å,ífyf@fCf<f}fXfN,ìœã,Éf^fCf<g,  
đŽw’è,·,é,æ,π,É,È,Á,Ä,ç,Ü,μ,½,ì,Å□A,» ,ìœ`Ž® ,Åf^fCf<g,đŽw’è,·,é,±,Æ,à%oÄ”\  
,Ä,·□B

ftf%ofo,í“®□”à—e,đŽw’è,μ,Ü,·□B•K—v,É, ,í,¹,Ä^È%oº,ì□””l,đ□Y’è,μ,Ä,-  
,¾,¾,ç□B(’è<`•¶Žš—ñ,đŽg—p,·,é□ê□±,í’â•¶Žš,ÄŽw’è,μ,Ä,,¾,¾,ç)□B

|                                   |                            |
|-----------------------------------|----------------------------|
| <□”’l> <’è<`•¶Žš—ñ>               | <“®□”à—e>                  |
| 0x0001 OFN_READONLY               | [“Ç,ÝŽæ,è□ê—p]             |
| ,đf`fFfbfN                        |                            |
| 0x0002 OFN_OVERWRITEPROMPT        | ‘¶□Y,·,é,îŠm”Ff□fbfZ□[fW•\ |
| Ž!                                |                            |
| 0x0004 OFN_HIDEREADONLY           | [“Ç,ÝŽæ,è□ê—p]             |
| ,îf□fbfZ□[fW,đ”ñ•\Ž!              |                            |
| 0x0008 OFN_NOCHANGEDIR            | □I—                        |
| ¹ŽžJfœf“fgf ffbfœfnfgfŠ,đ•œœ³     |                            |
| 0x0010 OFN_DIRSELECT              | fffBfœfnfgfŠ,đ’I’ð         |
| 0x0100 OFN_NOVALIDATE             | ftf@fCf<-¼,Æ,μ,Ä—          |
| ³œø,È•¶Žš,đ<—,·                   |                            |
| 0x0200 OFN_ALLOWMULTISELECT       | •i□”,îftf@fCf<-¼,đ’I’ð%Ä”\ |
| (C:\PATH FILE1 FILE2 ...)         |                            |
| 0x0400 OFN_ALLOWMULTISELECT_F     | •i□”,îftf@fCf<-¼,đ’I’ð%Ä”\ |
| (C:\PATH\FILE1 C:\PATH\FILE2 ...) |                            |
| 0x0800 OFN_PATHMUSTEXIST          | —Lœø,ÈfpfX-¼,ì,ý,đ“ü—í     |
| %Ä”\                              |                            |
| 0x1000 OFN_FILEMUSTEXIST          | Šù’¶,îftf@fCf<-¼,ì,ý,đ“ü   |
| -í%Ä”\                            |                            |
| 0x2000 OFN_CREATEPROMPT           | □V<K,îftf@fCf<—            |
| ¼,È,çŠm”F•\Ž!                     |                            |
| 0x4000 OFN_SHAREAWARE             | <π—L^á”½,đ-³Ž<,·,é         |
| 0x8000 OFN_NOREADONLYRETURN       |                            |

"ñfŠ[]fhfIf"fŠ[]ftf@fCf<,İ,Ý'I'ð

^È%º,Í32frfbfgfo[]fWf#f",Å,İ,Ý-  
LŒø,Å,·(16frfbfgfo[]fWf#f",Å,ÍŽw'è,µ,Ä,à-³Ž<,³,ê,Ü,·)[]B  
<[]" 'l> <'è<`·¶Žš-ñ> <"@[]ì"à-e>

0x00020000 OFN\_NONETWORKBUTTON  
[flfbfgf[][]fN]f{f^f",ð·\Ž|,µ,È,ç  
0x00040000 OFN\_NOLONGNAMES  
OFN\_ALLOWMULTISELECTŽž[]A'Z,çftf@fCf<-¼,ð·Ô,·  
0x00100000 OFN\_NODEREFERENCELINKS  
fvf#[][fgfJfbfgftf@fCf<,ð'I,ñ,Å,à[]A,»,İ,Ü,Üfvf#[][fgfJfbfgftf@fCf<-¼,ð·Ô,·

·i[]",ì"®[]ì,ð'g,Ý[]#,í,¹,ÄŽw'è,·,é,±,Æ,à%oÂ"\,Å,·[]B-á,ì,Î[]A^È  
%oº,İ[]s,í,·,x,Ä"~,¶"®[]ì,ð[]s,È,ç,Ü,·[]B

GETOPENFILENAME=0x0804 NAME  
GETOPENFILENAME=0x0004+0x0800 NAME  
GETOPENFILENAME=OFN\_HIDEREADONLY+OFN\_PATHMUSTEXIST NAME

OFN\_ALLOWMULTISELECT  
,ðŽw'è,µ,Ä[]A·i[]",ìftf@fCf<,ª'I'ð,³,ê,½[]ê[]#[]AŠÂ««·i[]",É,Í[]æ"ª,ÉfffBfŒfNfgfŠ-¼[]A,»,ìŒæ<ó""",Å<æ[]Ø,ç,ê,Äftf@fCf<-¼,ª[]Ý'è,³,ê,Ü,·[]B(1,Å,ìftf@fCf<,ì,Ý,ª'I'ð,³,ê,é,Æ'É[]í'É,è1ftf@fCf<,ªftf<fpfX,Å"ü,è,Ü,·)[]B

OFN\_ALLOWMULTISELECT\_F  
,ðŽw'è,µ,Ä[]A·i[]",ìftf@fCf<,ª'I'ð,³,ê,½[]ê[]#[]AŠÂ««·i[]",É,Í,»,ê,¼,ê,ìftf@fCf<-¼,ª[]A<ó""",Å<æ[]Ø,ç,ê,Äftf<fpfX,Å"ü,è,Ü,·[]B

OFN\_ALLOWMULTISELECT\_Ü,½,Í OFN\_ALLOWMULTISELECT\_F  
,ðŽw'è,µ,½[]ê[]#[]A32frfbfgfo[]fWf#f",Ä,à[]AfXfy[]fX,ªŠÜ,Ü,ê,éftf@fCf<-¼,ì'Z,çftfBf<-¼,Å[]^—[],³,ê,Ü,·(·Ô,³,ê,éftf@fCf<-¼,ÉfXfy[]fX,ªŠÜ,Ü,ê,é,±,Æ,Í,è,Ü,¹,ñ)[]B,È,"[]Aftf@fCf<,ì'I'ð[]",ª'½,·,¬,é[]ê[]#[]AŠÂ««·i[]",ÉŽù,Ü,é"í'í,Å[]A'I'ðftf@fCf<,ª[]Ø,èŽì,Ä,ç,ê,é,±,Æ,ª,è,Ü,·[]B

OFN\_NOCHANGEDIR  
,ðŽw'è,µ,È,¬,ê,ìjffŒf"fgffBfŒfNfgfŠ,ìft[]fU[][,ª^Ú"®,ð[]s,È,Å,½fhf  
%ofCfu[]ÉfffBfŒfNfgfŠ,É^Ú"®,³,ê,½,Ü,Ü,É,È,è,Ü,·[]B

OFN\_DIRSELECT ,ðŽw'è,·,é,Æfhf%ofCfu,ÆfffBfŒfNfgfŠ,ìfEfBf"fhfE,ì,Ý,ª·\Ž|,³,ē[]A[OK],ð%oÝ,µ,½,Æ,«,ìfffBfŒfNfgfŠ,ì^É'u,ðfhf%ofCfu-¼,ðŠÜ,ß,½[]â'ìfpfX,Å·Ô,µ,Ü,·[]B,È,"[]Aftf@fCf<f}fXfN,ÍŽw'è,µ,È,ç,Å,,¾,¾,ç[]B

^ê[]Ø,ìftf%ofO,ðŽw'è,µ,È,¬,ê,îŽŸ,ì,æ,π  
,È[]Ý'è,Æ,È,è[]A'¶[]Ý,·,éftf@fCf<,ì,Ý,ð'I'ð,Å,«,Ü,·[]B

OFN\_HIDEREADONLY+OFN\_PATHMUSTEXIST+OFN\_FILEMUSTEXIST



**-B,è'I**

0           □³□í□I—¹  
1           ft□[fU□[,ª'†Ž~ ,µ,½, fpf%oof□□[f^□[,ª•s□³  
254         ŠĀ«•í□",ì—ì^æ,ª'« ,è,Ě,č  
255         fpf%oof□□[f^□[,ª•s'«

**—á**

GETOPENFILENAME FILENAME

GETOPENFILENAME /T:"f%oofCfg,ì•¶□',đ'ì'đ,µ,Ä,,¾,¾,č" FNAME f%oofCfg(\*.WRI)

GETOPENFILENAME=OFN\_HIDEREADONLY+OFN\_PATHMUSTEXIST FNAME

fhfLf...f□f“fg(\*.DOC,\* .TXT),, ,x,Ä,ìftf@fCf<(\*.\*)

**ŽQ□I**

DROPFILEWAIT

INPUTSTRING

# DROPFILWAIT[=f^fCf€fAfEfg•b] ŠĀ««•İ”-¼ [fhf[]fbfv%oĀ”\ ,ÈĀ’âftf@fCf<”]

ftf@fCf<,âfhf[]fbfv,³,ê,é,ì,ð’Ò,¿,Ü,·□B

,±  
,lfRf}}f“fh,ðŽÀ□s,·,é,Æ□Aftf@fCf<f}f[]fWff,È,Ç,©,çftf@fCf<(,Ü,½,ÍfffBfCEfNfgfŠ)  
,â□ACE»□Ý,lfofbf`ŽÀ□sfEfBf“fhfE,Ü,½,lfofbf`“à—e•\ŽlfEfBf“fhfE,È□Afhf  
%ofbfO□•fhf[]fbfv,³,ê,é,Ü,Ā“®□ì,â’âŽ~,μ,Ü,·□B

fhf[]fbfv,³,ê,½ftf@fCf<,â•i□”,ì□ê□±ŠĀ««•İ” ,É,lfXfy[]fX,Ā<æ□Ø,ç,ê,Āftf@fCf<-  
¼(<y,NfffBfCEfNfgfŠ-¼),â“ü,è,Ü,·□B

fhf[]fbfv,³,ê,½,à,ì,â□Aftf@fCf<-¼,©fffBfCEfNfgfŠ-¼,©,ì)»’f,lfofbf`“à,Ā□s,È,κ•K  
—v,â, ,è,Ü,·□Bfhf[]fbfv,³,ê,½ftf@fCf<-  
¼,Ü,½,ÍfffBfCEfNfgfŠ,Í’Êí,»,è,¼,ê,â,·,x,Āftf<fpfX,É,È,Á,Ā,ç,Ü,·□B

fhf[]fbfv%oĀ”\,ÈĀ’âftf@fCf<”,lžw’è,ð□s,È,κ  
,Æ□A,»,lftf@fCf<”,Āfhf[]fbfv,³,ê,éftf@fCf<,l“ü—Í,â□Ø,èŽì,Ā,ç,ê,Ü,·(,à,κ^ê“x,±  
,lfRf}}f“fh,ðCEĀ,Ñ□o,μ,Ā,à’±,«,â“ü—Í,³,ê,é,±,Æ,Í, ,è,Ü,¹,ñ)□BĀ’âftf@fCf<”,lžw’  
è,ð□s,È,í,È, ,è,lfhf[]fbfv,³,ê,½,à,ì,·,x,Ā,â(ŠĀ««•İ” ,ì□Ā’â’·,³,ð’ ,ì,È,ç”Í’Ā,Ā)ŠĀ««•Ī  
□”,É□Ý’è,³,ê,Ü,·□B

f^fCf€fAfEfgŽžŠÔ,ðžw’è,·,é,Æ□Ažw’è,ì•b□”,âCEo  
%oß,μ,Ā,à’l’ð,â□s,È,í,ê,È,©,Ā,½□ê□±Ž©“®“l,ÉfRf}}f“fh,â□l—¹,μ,Ü,·□B,±,ì,Æ,«-  
ß,è’l(ERRORLEVEL)  
,í0,É,È,è□AŠĀ««•İ” ,í<ó,É,È,è,Ü,·(í□œ,³,ê,Ü,·)□Bf^fCf€fAfEfgŽžŠÔ,í1□`60000•  
b,Ü,Āžw’è,Ā,«,Ü,·□B

## -ß,è’l

|      |                              |
|------|------------------------------|
| 0    | f^fCf€fAfEfgŽžŠÔ,âCEo%oß,μ,½ |
| 1 □` | fhf[]fbfv,μ,½ftf@fCf<”       |
| 254  | ŠĀ««•İ” ,l—l^æ,â•s’«         |
| 255  | fpf%of[]f^[][,â•s’«          |

## —á

DROPFILWAIT DNAME  
DROPFILWAIT=60 DROPNAME 1

## ŽQ□l

GETOPENFILENAME

# CHOOSECOLOR[=ftf%ofO] [/T[:]"f^fCfjg<"] □Ô,İŠÂ<<•İ□" —İ,İŠÂ<<•İ□" □Â,İŠÂ<<•İ□"

fRf,f"f\_fCfAf□□Of{fbfNfX,đŽg—p,μ,Ä□F,İ'İ'đ,đ□s,È,ç,Ü,·□BŽŸ,İ,æ,κ,ÈĈ`Ž®,İfEfBf"fhfE,Ä,·□B



ŠÂ<<•İ□",É,İ'İ'đ,μ,½□F,İ,» ,ê,¼,ê,İ"x□#,ç,²0□` 255,İ□"'İ,Ä"ü,è,Ü,·□B□³□□□—  
 ¹,μ,È,©,Ä,½□ê□#(ft□[fU□[ ,É,æ,éLfff"fZf<)  
 ,·,×,Ä,İŠÂ<<•İ□",İ,ó,É,È,è,Ü,·(□í□œ,³,ê,Ü,·)□B

/T,Ä,İf^fCfjg<,É,İfEfBf"fhfE,İf^fCfjg<,đŽw'è,μ,Ü,·□B/T:"Window Title" ,İ,æ,κ  
 ,Éf^fCfjg<,đ "" ,Ä^İ,Ä,ÄŽw'è,μ,Ä,-  
 ,¾,¾,ç□BŽw'è,²,È,¯,ê,İ□u□F,İ□Ÿ'è□v,²f^fCfjg<,É,È,è,Ü,·□B

ftf%ofO,İ" ®□İ"à—e,đŽw'è,μ,Ü,·□B•K—v,É, ,İ,¹,Ä^È%º,İ□"'İ,đ□Ÿ'è,μ,Ä,-  
 ,¾,¾,ç□B('è<`•ŸŽš—ñ,đŽg—p,·,é□ê□#,İ'â•ŸŽš,ÄŽw'è,μ,Ä,,¾,¾,ç)□B

```
<□"'l> <'è<`•ŸŽš—ñ>                                <"®□İ"à—e>
0x0001 CC_RGBINIT
Žw'è, ¾,¾,½ŠÂ<<•İ□" ,É"ü,Ä,Ä,ç,½□"'l,đ□Ä□%,İ'İ'đŽ^,Æ,μ,Ü,·□B
0x0002 CC_FULLOPEN                                     fJfXf^f€fJf
%□[(□F,İ□İ□-) ,İ"•²,đŽn,ß,©,ç•\Ž| ,μ,Ü,·□B
0x0004 CC_PREVENTFULLOPEN                             fJfXf^f€fJf
%□[(□F,İ□İ□-)f{f^f" ,đŽg—p•s%Ä"'\",É,μ,Ü,·□B
```

-ß,è'l  
 0 □³□í□□—¹

1 ft[fU[,ā'ž~μ,½  
254 ŠĀ«•i",ì—ì^æ,ā'«,è,È,ç  
255 fpf%of[f^[,ā•s'«

—á

CHOOSECOLOR=CC\_RGBINIT /T:"F,đ'đ,μ,Ä,,¾,³,ç" ENV\_R ENV\_G ENV\_B

**EXITWINDOWS**  
**RESTARTWINDOWS**  
**REBOOTSYSTEM**

**EXITWINDOWSEXEC** ŽÀ sftf@fCf< [ŽÀ sftf@fCf<, lfpf%of [f^ []

Windows, l|—<sup>1</sup>, â Ä<N“ ® AfVfXfef€  
. lřřfu [fg A Ä<N“ ® Žž, ÆDOSfRf} f“fh, lžÀ s, ð s, È, ç, Ü, · B

32frfbfgfo [fWf#f“, Å, í, ©, È, è, l|§-ñ,<sup>a</sup>, , è, Ü, · B 32frfbfgfo [fWf#f“, Å 16frfbfgfo [fWf#f“, Æ“““™, l<@“\, ðžÀÆ», μ, ½, ç ê#f, í A • ÊfA [ffCfu, lWBEXIT16, ð—p^ Ó, μ, Å, -, <sup>3</sup>/<sub>4</sub>, <sup>3</sup>, ç B

**EXITWINDOWS**

Windows, ð l—<sup>1</sup>, μ, Ü, · B B<sup>3</sup> í, È l—<sup>1</sup>, μ, ½ ç ê#f, È, lfofbf` , È-ß, Å, Ä, «, Ü, <sup>1</sup>, ñ B

, È, “ A 32frfbfgfo [fWf#f“ ã, Å Af\ftfgfE fFfA, È, æ, é“ dÆ<sup>1</sup> §Æä, ðTf [fg, <sup>3</sup>, è, Ä, ç, é ê#f A“EXITWINDWS 9,0” , Æfpf%of [f^ , ð•t, ¯, ÄfRf} f“fh, ðžÀ s, ·, é, ±, Æ, È, æ, è A Windows l—<sup>1</sup> Æã A“ dÆ<sup>1</sup>, ð Ø’f, ·, é, ±, Æ, à, Å, «, Ü, · B, <sup>1</sup>/<sub>2</sub>, <sup>3</sup>/<sub>4</sub>, μ A ŠÄ<<, È, æ, Å, Ä, í Afpf%of [f^ , ð•t, ¯, é, Æ Windows, ð l—<sup>1</sup>, Å, «, È, ç ê#f, â Afpf%of [f^ , ð•t, ¯, È, , Å, à“ dÆ<sup>1</sup>, ð Ø’f, <sup>3</sup>, è, é ê#f, <sup>a</sup>, , é, æ, x, Å, · B

-ß, è’l  
1 l—<sup>1</sup>, Å, «, È, ç

—á  
EXITWINDOWS  
EXITWINDOWS 9,0

**RESTARTWINDOWS**

16frfbfgfo [fWf#f“, Å, í Windows, ð Ä<N“ ® , μ, Ü, · B 32frfbfgfo [fWf#f“, Å, l fOfift, ð s, È, ç, Ü, · (Windows95, Å, lfvf ZfX, l|—<sup>1</sup>, ð s, È, í, è, È, ç, l, Æ A ŽŸ, È<N“ ® , μ, ½, Æ, «, ÈfXf^ [fgfAfbfv, ðžÀ s, <sup>3</sup>, è, È, ç, È, Ç-â’è, <sup>a</sup> ½, ç, ½, ßžg —p, μ, È, ç, Å, , <sup>3</sup>/<sub>4</sub>, <sup>3</sup>, ç) B<sup>3</sup> í, È Ä<N“ ® , Ü, ½, l fOfift, <sup>a</sup>, Å, «, ½ ç ê#f, È, lfofbf` , È-ß, Å, Ä, «, Ü, <sup>1</sup>, ñ B

-ß, è’l  
1 l—<sup>1</sup>, Å, «, È, ç

—á  
RESTARTWINDOWS

**REBOOTSYSTEM**

Windows,đ□I—<sup>1</sup>,μfVfXfef€(f}fVf“)  
,đ□Ä<N“® ,μ,Ü,·□B□<sup>3</sup>□í,É□Ä<N“® ,Å,«,½□ê□‡,É,Ífofbf` ,É,àWindows,É,à-  
ß,Á,Ä,«,Ü,<sup>1</sup>,ñ□B  
,É,“□Af}fVf“ŠÄ<<,É,æ,Á,Ä,Í□<sup>3</sup>□í,É“® □ì,μ,È,ç%oÄ“\□«,<sup>a</sup> ,è,Ü,·□B

**-ß,è'I**

1 □I—<sup>1</sup>,Å,«,È,ç

**—á**

REBOOTSYSTEM

**EXITWINDOWSEXEC ŽÄ□sftf@fCf< [ŽÄ□sftf@fCf<,ìfpf%of□□[f^□□]**

Windows,đ^è'U□I—

<sup>1</sup>,μ□ADOS,ìŽÄ□sftf@fCf<,đŽÄ□sCEã□A□Ä“xWindows,đ<N“® ,μ,Ü,·□B□<sup>3</sup>□í,É<N“® ,Å  
,«,½□ê□‡,É,Ífofbf` ,É-ß,Á,Ä,«,Ü,<sup>1</sup>,ñ□B  
ŽÄ□sftf@fCf<,Íftf<fpfX,ÅŠg'£Žq,đŠÜ,ß,ÄŽw'è,μ,Ä,-  
,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ç□B,È,“□Afofbf`ftf@fCf<,đ'<sup>1</sup>/<sub>4</sub>□ÜŽÄ□s,·,é,±  
,Æ,Í,Ä,«,Ü,<sup>1</sup>,ñ,ì,ÅCOMMAND.COM□Eo—R,Ä<N“®,·,é•K—v,<sup>a</sup> ,è,Ü,·(—á:C:\  
COMMAND.COM /C C:\BAT\SETUP.BAT)□B  
32frfbfgfo□[fWf†f“,Å,ÍŽg—p,Å,«,Ü,<sup>1</sup>,ñ□B

**-ß,è'I**

1 □I—<sup>1</sup>,Å,«,È,ç

**—á**

EXITWINDOWSEXEC C:\DOS\CHKDSK.EXE C:

## GETINISTRING fzfNfVf#f"-¼ fGf"fGfŠ-¼ ŠÂ««•İ"-¼ INIftf@fCf<-¼

INIftf@fCf<,İŽw'è,<sup>3</sup>,ê,<sup>1</sup>/<sub>2</sub>fZfNfVf#f",İfGf"fGfŠ,İ•ŦŽš—  
ň,đŽæ"<sup>3</sup>/<sub>4</sub>,µŠÂ««•İ"-¼,É'ã"ü,đ□s,È,ç,Ü,·□B

'Ê□íZfNfVf#f",ÆfGf"fGfŠ,ÍŽŸ,Ì,æ,α,É,È,Á,Ä,ç,Ü,·□B

[section]  
entry=string

Žw'è,<sup>3</sup>,ê,<sup>1</sup>/<sub>2</sub>fZfNfVf#f",ÆfGf"fGfŠ,<sup>3</sup>Ŧ©,Â,©,ç,È,ç,Æ,«,âstring,É•ŦŽš—  
ň,<sup>3</sup>ŦŸ'è,<sup>3</sup>,ê,Ä,È,ç□ê□#□ASÂ««•İ"-¼,Íó,É,È,è,Ü,·(□í□æ,<sup>3</sup>,ê,Ü,·)□B

fZfNfVf#f",ÆfGf"fGfŠ,Í'â•ŦŽš,Æ□→•ŦŽš,<sup>3</sup>æ•É,<sup>3</sup>,ê,Ü,<sup>1</sup>,ň□BINIftf@fCf<,đftf<fpfX,  
ÅŽw'è,µ,È,¯,ê,İ□AWINDOWS,İfffBfçfNfGfŠ,©,çŦŸ□đ,<sup>3</sup>□s,È,í,ê,Ü,·□B

### -ß,è'l

|     |   |
|-----|---|
| 0   | □ <sup>3</sup> □í□l— <sup>1</sup>   |
| 1   | Žw'è,İZfNfVf#f",ÆfGf"fGfŠ, <sup>3</sup> Ŧ©,Â,©,ç,È,ç,<br>fGf"fGfŠ,É•ŦŽš—ň, <sup>3</sup> ŦŸ'è, <sup>3</sup> ,ê,Ä,ç,È,ç |
| 254 | ŠÂ««•İ"-¼,Ì—Ì^æ, <sup>3</sup> «è,È,ç  |
| 255 | fpf%oof□□[f^□[, <sup>3</sup> •s'«   |

### —á

GETINISTRING windows run ENV win.ini

### ŽQ□l

WRITEINISTRING, SETINISTRING

**WRITEINISTRING fzfnfvfjf"-¼ fGf"fjfš-¼ "Ÿ'è•Ÿš-ñ" INlftf@fCf<-  
¼**

**SETINISTRING fzfnfvfjf"-¼ fGf"fjfš-¼ "Ÿ'è•Ÿš-ñ" INlftf@fCf<-¼**

INlftf@fCf<,lžw'è,<sup>3</sup>,ê,½fzfnfvfjf",lfGf"fjfš,É•Ÿš-ñ,ðŸ'è,μ,Ü,·B

'ÈízfNfVfjf",ÆfGf"fjfš,ÍžŸ,ì,æ,α,É,È,Á,Ä,ç,Ü,·B

[section]

entry=string

Žw'è,<sup>3</sup>,ê,½fzfnfvfjf",ÆfGf"fjfš,<sup>a</sup>,·,Å,É'ŸŸ,·,ê,Î'u,«Š,·,·,<sup>a</sup>s,È,í,êACE©,Â,©,ç,È,  
·,ê,ÎV,½,ÉíŸ-<sup>a</sup>s,È,í,ê,Ü,·B

fzfnfvfjf",ÆfGf"fjfš,Í'å•Ÿš,ÆŸ-•Ÿš,<sup>a</sup><æ•É,<sup>3</sup>,ê,Ü,<sup>1</sup>,ñB  
INlftf@fCf<,ðftf<fpfX,Åžw'è,μ,È,·,ê,ÎAWINDOWS,lffBfCfNfjgš,©,çCEŸðð,<sup>a</sup>s,È,  
í,ê,Ü,·B,Ü,½ftf@fCf<,<sup>a</sup>ŸŸ,μ,È,·,ê,ÎíŸ-<sup>a</sup>s,È,í,ê,Ü,·B

Ÿ'è•Ÿš-ñ,ð ""

,É,·,é,ÆA,»,lfGf"fjfš,<sup>a</sup>íœ,<sup>3</sup>,ê,Ü,·B,Ü,½fGf"fjfš,ÆŸ'è•Ÿš-ñ,ì-¼•û,ð ""  
,É,·,é,ÆAfzfnfvfjf",<sup>a</sup>íœ,<sup>3</sup>,ê,Ü,·B

**-ß,è'l**

|     |                                  |
|-----|----------------------------------|
| 0   | ŸŸíŸ- <sup>1</sup>               |
| 1   | fGf%oŸ                           |
| 255 | fpf%ofŸŸ[f^Ÿ[, <sup>a</sup> •s'« |

**—á**

WRITEINISTRING windows run winclock.exe win.ini  
WRITEINISTRING windows run "" win.ini  
WRITEINISTRING windows "" "" win.ini

**ŽQŸ**

GETINISTRING



**GETREGSTRING[=ftf%ofo] [/N] [R:f<[] [fgfL[][-¼] [T:f^fCfv] [/E] "fL[][-¼" ŠĀ<<•İ" -¼**

fĈfWfXfgfŠff[] [f^ ,đŽæ“¾,μ,Ü, ·B

32frfbfgfo[] [fWf#f“ ,Ā,í^È%oo°,ìfifvfVf#f“ ,āŽw’è,Ā,«,Ü,·(fifvfVf#f“ <y,Ñ•ŦŽš—  
ñ,ĀfifvfVf#f“ ,ìSŌ,íXfy[] [fX,đ<ó, ,Ā,-  
,¾,¾,ç)[] B16frfbfgfo[] [fWf#f“ ,Ā,ìfifvfVf#f“ ,đŽw’è,μ,Ā,à-³Ž<,¾,ê,Ü, ·B

/N ft f%ofo,É RIGHT ,đŽw’è,μ,½,Ā,«[] ĀĈă, ÌfL[] [ ,đfL[] [“à, Ì-  
¼’OŽw’è,Ā,Ý,È,μ,Ü, ·B  
/R f<[] [fg, ÌfL[] [-¼, đŽw’è,μ,Ü, ·B  
/T ff[] [f^ , Ìf^fCfv, đŽw’è,μ,Ü, ·B  
/E Žw’èfL[] [ , Ì”z%o, Ì’SfTfufL[] [ , đ•\Ž! , , , é[] B

fL[] [-¼,É—á,!,ìfefLfXfgftf@fCf<,Ā, ,é,î ".TXT"  
,đŽw’è,·,é,Ā[] A,» ,ìftf@fCf<,ÉŠŌ~A•t, ,ā[] s,È,í,ê,Ā,ç,éfRf}f“fh-  
¼,đŠĀ<<•İ" ,É’ă“ü,μ,Ü, ·B

ŠŌ~A•t, ,ìŽæ“¾,í \fL[] [-¼\shell\open\command  
,©,ç[] s,È,í,ê,Ü, ·B(•;ŽG,ÉĈ©,!,Ü,·,āftf@fCf<f}fI[] [fWff,ĀŠŌ~A•t, ,đ[] s,È,æ  
,ĀŽ©“@“! ,É,±,ì!,É,È,è,Ü,·)[] B  
ftf%ofo,É **RIGHT** ,đŽw’è,·,é,ìŽ©—R,ÈfL[] [-¼,đŽw’è,Ā,«,Ü, ·B,±,ì[] ê[] #fL[] [-  
¼,Ö,ì \shell\open\command ,!’Ç%oĀ,í[] s,È,í,ê,Ü,¹,ñ,ì,Ā[] AfL[] [-  
¼,đftf<fpfX,ĀŽw’è,μ,Ā,,¾,¾,ç)[] B

ŠŌ~A•t, ,ā[] s,È,í,ê,Ā,ç,È,ç[] ê[] #[] ĀŠĀ<<•İ" ,!<ó,É,È,è,Ü,·([] í[] œ,¾,ê,Ü,·)[] B

/N,đŽw’è,·,é,Ā[] A—á,!,ìfL[] [-¼,đ "Software\comp\proj\soft\name"  
,Ā,μ,½[] ê[] #[] ĀĀĈă,ì "name" ,đfL[] [“à, Ì-¼’O,Ā,μ,Ā[] ^—  
[],μ,Ü,·[] BŽw’è,μ,È, ,é,ì[] A"name" ,ìfL[] [-¼,Ā,μ,Ā[] ^—  
[],μ,Ü,·(16frfbfgfo[] [fWf#f“ ,Ā,ìfL[] [“à, Ì-¼’O,í’Ŧ[] Y,μ,È,ç,½,ß,±  
,ìfifvfVf#f“ ,đ•t, ,Ā,à-³Ž<,¾,ê,Ü,·)[] B,±,ìŽw’è,đ,·,é[] ê[] #,ìftf%ofo,É **RIGHT**  
,đŽw’è,μ,Ā,,¾,¾,ç)[] B  
fL[] [-¼,Ā-¼’O,ì^á,ç,ì[] A32frfbfg,ìWindows,Ā,ìfL[] [“à,É,¾,ç,É-  
¼’O,đ•t, ,Ā’!,đ•Ü’Ŧ,Ā,«,Ü,·[] BfL[] [“à,Ā-¼’O,ā•t,ç,½’!, Ì-¼’O, ,è(/N, ,è)  
,ĀfAfNfZfX,μ,Ü,·[] B<t,É16frfbfg,ìWindows,Ā“ ,Ŧ—!,ÉfL[] [“à,É-  
¼’O,đ•t, , ,É•Ü’Ŧ,¾,ê,½ff[] [f^ ,É,ì[] A-¼’O,È,μ(/N,È,μ)  
,ĀfAfNfZfX,μ,Ü,·[] B32frfbfg,ìWindows,É•t’@,μ,Ā,ç  
,éfĈfWfXfgfŠfGffBf^ ,ĀĈ©,½,Ā,«,É[] A•W[] € ,Ā,ç,æ[] €-Ú,ĀŽ!,¾,ê,é,ì,ā,» ,é,Ā, ·B

/R,đŽw’è,·,é,Āf<[] [fgfL[] [ ,ìŽw’è,đ[] s,È,!,Ü,·[] Bf<[] [fgfL[] [ ,É,í  
HKEY\_CLASSES\_ROOT, HKEY\_CURRENT\_USER, HKEY\_LOCAL\_MACHINE,  
HKEY\_USERS, HKEY\_PERFORMANCE\_DATA, HKEY\_CURRENT\_CONFIG,  
HKEY\_DYN\_DATA ,!,ç, , ,é,©,đŽw’è,μ,Ü,·[] Bf<[] [fgfL[] [ ,ìŽw’è,í’ă•ŦŽš,Ā

"/R:HKEY\_CURRENT\_USER", Ì—l,É□s,È,Á,Ä,-  
,¾,³,ç□BŽw'è,ª,È,¯,ê,î□AHKEY\_CLASSES\_ROOT,Å□^—  
□,μ,Û,·□B16frfbfgfo□[fWf†f“, Å,Ī HKEY\_CLASSES\_ROOT ,μ,©‘ŋ□Ý,μ,È,ç,½,ß□A,±  
,ĭfĭfvf†f“, ðŽw'è,μ,Ä,à-³Ž<,³,ê,Û,·□B

/T,ðŽw'è,·,é,Æff□[f^,ĭf^fCfv,ðŽw'è,Å,«,Û,·□Bf^fCfv,É,Ī REG\_SZ(•ŋŽš—ñ)  
,Û,½,Ī REG\_DWORD(32frfbfg,ĭ□''l),ðŽw'è,Å,«,Û,·□Bf^fCfv,ĭŽw'è,Īâ•ŋŽš,Å  
"/T:REG\_DWORD", Ì—l,É□s,È,Á,Ä,,¾,³,ç□BŽw'è,ª,È,¯,ê,î□AREG\_SZ ,Å□^—  
□,μ,Û,·□B16frfbfgfo□[fWf†f“, Å,Ī REG\_SZ ,μ,©‘ŋ□Ý,μ,È,ç,½,ß□A,±  
,ĭfĭfvf†f“, ðŽw'è,μ,Ä,à-³Ž<,³,ê,Û,·□B

/E,ðŽw'è,·,é,Æ□AŽw'èfL□[,ĭ,·,®%oº,ĭfTfufL□[(fL□[-¼,ĭ,Ý),ð,·,×,ÄfL□[-¼-^,É  
%oü□s,μ,Ä•Žĭ,μ,Û,·□BfTfufL□[,ĭ%oº,É,³,ç,ÉfL□[-¼,ªŠÛ,Û,ê,Ä,ç,Ä,à,»,ê,Ī•\  
Žĭ,³,ê,Û,¹,ñ□B•Žĭ,³,ê,é,ĭ,ĭfL□[-¼,ĭ,Ý,Å□A•Žĭ,ĭ□Û,Éf□[fg,ĭ□s,È,ĭ,ê,Û,¹,ñ□B/E  
,ðŽw'è,μ,½□ê□#□AŠÁ<«•Ī□"-¼,ĭŽw'è,Ī•s—v,Ä,·(Žw'è,μ,Ä,à-³Ž<,³,ê,Û,·)□B

,È, "□AGETREGSTRING ,ĭfĈfWfXfgfŠŧf†f@fCf<,©,ç,ĭŽæ“¾,ĭ,Ý,ð□s,È,ç□AWIN.INI ,ĭ  
Extensions fZfNfVf†f“, ©,ç,ĭŽæ“¾,È,Ç,ĭ□s,È,ç,Û,¹,ñ□B

**-ß,è'l**

- 0 □³□í□l—¹
- 1 fL□[,ªĈ©,Ä,©,ç,È,ç
- 2 fGf%o□[
- 255 fpf%of□□[f^□[,ª•s'«

**—á**

GETREGSTRING ".TXT" ENVNAME  
GETREGSTRING=RIGHT ".TXT\shell\open\print" ENVNAME  
GETREGSTRING=RIGHT /N /R:HKEY\_CURRENT\_USER "Software\Microsoft\  
Plus!\Pinball\SpaceCadet\0.Name" ENVNAME  
GETREGSTRING=RIGHT /N /R:HKEY\_CURRENT\_USER /T:REG\_DWORD  
"Software\Microsoft\Plus!\Pinball\SpaceCadet\Table Version" ENVNAME  
GETREGSTRING=RIGHT /E LISENCES

**ŽQ□l**

SETREGSTRING  
GETINISTRING

**SETREGSTRING[=ftf%ofO] [/N] [/R:f<[]fjgfl[][-¼] [/T:f^fCfv] "fL[][-¼]"**  
**"[]Ý'è•[]Žš—ñ"**

fCfWfXfgfŠff[]f^,ð[]Ý'è,μ,Ü,·[]B

32frfbfgfo[]fWf#f",Å,í^È%oo,lfjfvfVf#f",aŽw'è,Å,«,Ü,·(fjfvfVf#f"<y,Ñ•[]Žš—  
ñ,ÆlfjfvfVf#f",ìŠÖ,lfXfy[]fX,ð<ó,~,Ä,-  
,¾,¾,ç)[]B16frfbfgfo[]fWf#f",Å,lfjfvfVf#f",ðŽw'è,μ,Ä,à-¾Ž<,¾,è,Ü,·[]B

/N ftf%ofO,É RIGHT ,ðŽw'è,μ,½,Æ,«[]ÅĀă,ÌfL[][,ðfL[]["à,Ì-  
¼'0Žw'è,Æ,Ý,È,μ,Ü,·[]B  
/R f<[]fjg,ÌfL[][-¼,ðŽw'è,μ,Ü,·[]B  
/T ff[]f^,Ìf^fCfv,ðŽw'è,μ,Ü,·[]B

fL[][-¼,É—á,!,lfefLfXfgftf@fCf<,Å, ,ê,î ".TXT"  
,ðŽw'è,·,é,Æ[]A,»,lfTf@fCf<,ìŠÖ~A•t,~,É[]Ý'è•[]Žš—ñ,ð[]Ý'è,μ,Ü,·[]B[]Ý'è•[]Žš—  
ñ,É,í•K—v,Å, ,ê,lfpf%of[]f^[][,ìŽw'è(%%1),àŠÜ,ß,Ä,,¾,¾,ç[]B

ŠÖ~A•t,~,ìŽæ"¾,í \fL[][-¼\shell\open\command ,É[]s,È,ç  
,Ü,·[]B(•;ŽG,ÉĀ©,!,Ü,·,ªftf@fCf<f}f[]fWff,ÅŠÖ~A•t,~,ð[]s,È,α,ÆŽ©"®"l,É,±  
,!l,É,È,è,Ü,·)[]B  
ftf%ofO,É **RIGHT** ,ðŽw'è,·,ê,ÌŽ©—R,ÈfL[][-¼,ðŽw'è,Å,«,Ü,·[]B,±,ì[]ê[]#fL[][-  
¼,Ö,ì \shell\open\command ,!Ç%oÅ,í[]s,É,í,è,Ü,¹,ñ,ì,Å[]AfL[][-  
¼,ðftf<fpfX,ÅŽw'è,μ,Ä,,¾,¾,ç[]B

[]Ý'è•[]Žš,ìŽw'è,ð[]s,È,í,È,~,ê,ì[]AfL[][,Ü,½,lfL[]["à,Ì-¼'O,ð[]í[]œ,μ,Ü,·[]B  
ftf%ofO,É **RIGHT** ,ð•t,~,È,~,ê,ì[]A\shell\command ,lfL[][,¾,~,Ä,í,È,-  
[]AŽw'è,lfL[][,AŽn,Ü,éfcfŠ[][,ª,·,×,Ä[]í[]œ,¾,è,Ü,·[]Bftf%ofO,É **RIGHT**  
,ðŽw'è,μ,Ä[]AfL[][-¼,Å[]í[]œ,ð[]s,È,α,Æ,«[]A,»,ì  
%oo,ÉfL[][,ª"[]Ý,·,ê,î,»,ê,ç,à,·,×,Ä[]í[]œ,¾,è,Ü,·[]B  
WindowsNT ,Å,lfTf%ofO,É **RIGHT** ,ðŽw'è,μ,½[]ê[]#[]AfL[][,ì  
%oo,É,¾,ç,ÉfL[][,ª"[]Ý,·,é,Æ[]í[]œ,ª[]s,È,í,è,Ü,¹,ñ(ftf%ofO,É **RIGHT**  
,ðŽw'è,μ,È,~,ê,î,»,ì%oo,lfL[][,à,·,×,Ä[]í[]œ,¾,è,Ü,·)[]B

/N,ðŽw'è,·,é,Æ[]A—á,!,lfL[][-¼,ð "Software\comp\proj\soft\name"  
,Æ,μ,½[]ê[]#[]A[]ĀĀă,ì "name" ,ðfL[]["à,Ì-¼'O,Æ,μ,Ä[]^—  
[],μ,Ü,·[]BŽw'è,μ,È,~,ê,ì[]A"name" ,lfL[][-¼,Æ,μ,Ä[]^—  
[],μ,Ü,·(16frfbfgfo[]fWf#f",Å,lfL[]["à,Ì-¼'O,í[]Y,μ,È,ç,½,ß,±  
,lfjfvfVf#f",ð•t,~,Ä,à-¾Ž<,¾,è,Ü,·)[]B,±,ìŽw'è,ð,·,é[]ê[]#ftf%ofO,É **RIGHT**  
,ðŽw'è,μ,Ä,,¾,¾,ç[]B  
fL[][-¼,Æ-¼'O,ì^á,ç,ì[]A32frfbfg,ìWindows,Å,lfL[]["à,É,¾,ç,É-  
¼'O,ð•t,~,Ä'l,ð•Ü'[]Å,«,Ü,·[]BfL[]["à,Å-¼'O,ª•t,ç,½'l,ì-¼'O, ,è(/N, ,è)  
,ÅfAfNfZfX,μ,Ü,·[]B<t,É16frfbfg,ìWindows,Æ"~,[]—l,ÉfL[]["à,É-  
¼'O,ð•t,~,·,É•Ü'[]¾,è,½ff[]f^,É,ì[]A-¼'O,È,μ(/N,È,μ)  
,ÅfAfNfZfX,μ,Ü,·[]B32frfbfg,ìWindows,É•t'®,μ,Ä,ç

,éfƒWfXfgfŠfGffBf^,Åƒ©,½,Æ,«,É□A•W□€,Æ,ƒ,ƣ□€-Ú,ÅŽ!,³,ê,é,ì,ª,»,ê,Å,·□B

/R,ðŽw'è,·,é,Æf<□[fgfL□[,ìŽw'è,ð□s,È,!,Ü,·□Bf<□[fgfL□[,É,í  
HKEY\_CLASSES\_ROOT, HKEY\_CURRENT\_USER, HKEY\_LOCAL\_MACHINE,  
HKEY\_PERFORMANCE\_DATA, HKEY\_CURRENT\_CONFIG, HKEY\_DYN\_DATA ,ì,ƒ  
,,ê,©,ðŽw'è,μ,Ü,·(HKEY\_USERS,íŽg—p,μ,È,ƒ,Å,-  
,¾,¾,ƒ)□Bf<□[fgfL□[,ìŽw'è,í'å•¶Žš,Å "/R:HKEY\_CURRENT\_USER" ,ì—l,É□s,È,Á,Ä,-  
,¾,¾,ƒ□BŽw'è,ª,È,-,ê,î□AHKEY\_CLASSES\_ROOT ,Å□^—  
□,μ,Ü,·□B16frfbfgfo□[fWf††“ ,Å,í HKEY\_CLASSES\_ROOT ,μ,©'¶□Ý,μ,È,ƒ,½,β□A,±  
,ìfìfvf††“ ,ðŽw'è,μ,Å,à-³Ž<,³,ê,Ü,·□B

/T,ðŽw'è,·,é,Æff□[f^,ìf^fCfv,ðŽw'è,Å,«,Ü,·□Bf^fCfv,É,í REG\_SZ(•¶Žš—ñ)  
,Ü,½,í REG\_DWORD(32frfbfg'l),ðŽw'è,Å,«,Ü,·□Bf^fCfv,ìŽw'è,í'å•¶Žš,Å  
"/T:REG\_DWORD" ,ì—l,É□s,È,Á,Ä,,¾,¾,ƒ□BŽw'è,ª,È,-,ê,î□AREG\_SZ ,Å□^—  
□,μ,Ü,·□B16frfbfgfo□[fWf††“ ,Å,í REG\_SZ ,μ,©'¶□Ý,μ,È,ƒ,½,β□A,±  
,ìfìfvf††“ ,ðŽw'è,μ,Å,à-³Ž<,³,ê,Ü,·□B

,È,“□ASETREGSTRING ,ìfƒƒWfXfgfŠf††@fCf<,Ö,ì□Ý'è,ì,Ý,ð□s,È,ƒ□AWIN.INI ,ì  
Extensions fzfnfv††“ ,Ö,ì□Ý'è,È,Ç,í□s,È,ƒ,Ü,¹,ñ□B

**-ß,è'l**

- 0 □³□í□l—¹
- 1 fL□[,ªƒƒ©,Å,©,ç,È,ƒ
- 2 fGf%o□[
- 255 fpf%of□□[f^□[,ª•s'«

**—á**

SETREGSTRING ".TXT" "NOTEPAD.EXE %%1"  
SETREGSTRING ".TXT"  
SETREGSTRING=RIGHT ".TXT\shell" "NOTEPAD.EXE /p %  
%1"SETREGSTRING=RIGHT /N /R:HKEY\_CURRENT\_USER "Software\Microsoft\  
Plus!\Pinball\SpaceCadet\0.Score" "1000000"  
SETREGSTRING=RIGHT /N /R:HKEY\_CURRENT\_USER /T:REG\_DWORD  
"Software\Microsoft\Plus!\Pinball\SpaceCadet\Table Version" 123

**ŽQ□l**

GETREGSTRING  
WRITEINSTRING, SETINSTRING

**SYSTEMPARAMETERSINFO fAfNfVf+f“-¼ [“”l,Ü,½,Í•ŕŽš—ň  
[WIN.INI X Vftf%ofo]]  
SYSPARAMINFO fAfNfVf+f“-¼ [“”l,Ü,½,Í•ŕŽš—ň [WIN.INI X Vftf  
%ofo]]**

fVfXfef€fCefxf<,lfpf%of[f^,iŽæ“¾,Ü,½,ÍŕÝ’è,ðs,È,ç,Ü,·B

“”l,Ü,½,Í•ŕŽš—ň,É—^,í,é’l,lfAfNfVf+f“-  
¼,É,æ,è^Ü,È,è,Ü,·B,»è,¼,è,lfAfNfVf+f“,ìê±,É%ž,ŕ,ÄŕÝ’è’l,ð—^,í,Ä,-  
,¾,¾,çBÈ—ª,·,é,Æ“”l,È,çO A•ŕŽš—ň,È,ç<ó•ŕŽš—ň,ª—^,í,ç,è,Ü,·B•ŕŽš—  
ň,ð—^,í,éê±,í “ ”,Å^í,Ä,Ä,,¾,¾,çB

Žæ“¾,ðs,È,æRf}f“fh,ìê±Žæ“¾,µ,½’l,ªERRORLEVEL,ÉŕÝ’è,¾,è,Ü,·B

WIN.INI X Vftf%fo,íŕÝ’è,ðs,È,Á,½ê±,ÉAWIN.INI,ðXV,·,é,©,Ç,æ  
,©,ð“”l,ÅŽw’è,µ,Ü,·B1(SPIF\_UPDATEINIFILE:V,µ,çpf  
%of[f^[,ðWIN.INI,Éŕ,«ž,Ā),Ü,½,Í3(SPIF\_SENDWININICHANGE:V,µ,çpf  
%of[f^[,ðWIN.INI,Éŕ,«ž,ÝŒ»ŕY<N“®,µ,Ä,ç  
,éfAfvfŠfP[fVf+f“,·,x,Ä,ÉWIN.INI,ªXV,¾,è,½,±,Æ,ð’m,ç,¹,é),ªŽw’è,Å,«AÈ—  
ª,·,é(,Ü,½,ÍO,ð—^,í,é),ÆXV^—,ðs,È,ç,Ü,¹,ňB

fAfNfVf+f“-¼,É,í^È%ž,ìŽw’è,ªs,È,í,Ü,·B“”l,í,·,x,Ä10i“,Å,·B(’è<`•ŕŽš—  
ň,ðŽg—p,·,éê±,íâ•ŕŽš,ÅŽw’è,µ,Ä,,¾,¾,ç)B

|  |                           |                    |
|--|---------------------------|--------------------|
| <“”l>  | <’è<`•ŕŽš—ň>              | <ðs,È,æfAfNfVf+f“> |
| 1  | SPI_GETBEEP               | Ex[]fr[]fv         |
| ¾¹,ìó’ò,ðŽæ“¾(0:OFF,1:ON)                                |                           |                    |
| 2  | SPI_SETBEEP               | Ex[]fr[]fv         |
| ¾¹,ðfIf“,Ü,½,ÍfIf’t,É,·,é(0:OFF,1:ON)                    |                           |                    |
| 5  | SPI_GETBORDER             |                    |
| fEfBf“fhfE,ìfTfCfY•İX<<ŠE,ì~g,ì’¾,¾,ì”{- ,ðŽæ“¾          |                           |                    |
| 6  | SPI_SETBORDER             |                    |
| fEfBf“fhfE,ìfTfCfY•İX<<ŠE,ì~g,ì’¾,¾,ðŒ^,ß,é”{- ’l,ðŕÝ’è  |                           |                    |
| 10   | SPI_GETKEYBOARDSPEED      |                    |
| fL[]f{[]fh,ìfŠfs[]fgŠÔŠu,ðŽæ“¾                           |                           |                    |
| 11   | SPI_SETKEYBOARDSPEED      |                    |
| fL[]f{[]fh,ìfŠfs[]fgŠÔŠu,ðŕÝ’è                           |                           |                    |
| 12   | SPI_LANGDRIVER            | Œ¾Œèfhf            |
| ¾fCfo[]ftf@fCf<-¼,ðŽw’è,µ,ÄV,µ,çŒ¾Œèfhf¾fCfo,ðŕÝ’è       |                           |                    |
| 13   | SPI_ICONHORIZONTALSPACING |                    |
| fAfCfRf“fZf<,ì•,ðfsfnfZf<’P^É,ÅŕÝ’è                      |                           |                    |
| 14   | SPI_GETSCREENSAVETIMEOUT  |                    |
| fXfnfŠ[]f“fZ[]fo[],ìŽÀs,Ü,Å,ì’ò,žŽšÔ,ð(f~fŠ•b’P^É,Å)Žæ“¾ |                           |                    |
| 15   | SPI_SETSCREENSAVETIMEOUT  |                    |
| fXfnfŠ[]f“fZ[]fo[],ìŽÀs,Ü,Å,ì’ò,žŽšÔ,ð(f~fŠ•b’P^É,Å)ŕÝ’è |                           |                    |

16 SPI\_GETSCREENSAVEACTIVE fXfNfŠ[]f“fZ[]fo[][<@”\ , Ì□ó‘Ô, ðŽæ“¾(0:OFF, 1:ON)

17 SPI\_SETSCREENSAVEACTIVE fXfNfŠ[]f“ fZ[]fo[] , Ì□ó‘Ô, ðŸ‘è(0:OFF, 1:ON)

18 SPI\_GETGRIDGRANULARITY fXfNfŠ[]f“fhfE, ÌfTfCfY•İ□X, Æ^Ú“®, Ì‘P^Ê, ðŽæ“¾

19 SPI\_SETGRIDGRANULARITY fffXfNfgfbfv, ÌfEfbf“fhfE, ÌfTfCfY•İ□X, Æ^Ú“®, Ì‘P^Ê, ðŸ‘è

20 SPI\_SETDESKWALLPAPER fffXfNfgfbfv, Ì•Çž†, Æ, µ, Äžg, í, ê, éfrfbfgf}fbfvftf@fCf<, ðŽw’è

21 SPI\_SETDESKPATTERN " , Å^í, Á, ½8ÆÅ, Ì̄””\fjpf^[]f“, ðŽw’è, µ, Ä”wÆi-í-l, ðŸ‘è

22 SPI\_GETKEYBOARDDELAY fL[]f{[]fh, Ìfİ[]fjgššfs[]fjgššJžn, Ü, Å, Ì‘x%, žžšŌ, ðŽæ“¾

23 SPI\_SETKEYBOARDDELAY fL[]f{[]fh, Ìfİ[]fjgššfs[]fjgššJžn, Ü, Å, Ì‘x%, žžšŌ, ðŸ‘è

24 SPI\_ICONVERTICALSPACING fAfCfRf“fZf<, Ì̄, , ³, ðfsfnfZf<‘P^Ê, ÅŸ‘è

25 SPI\_GETICONTITLEWRAP fAfCfRf“f^fCfjg<, Ì žü□s, Ì□ó‘Ô, ðŽæ“¾

26 SPI\_SETICONTITLEWRAP fAfCfRf“f^fCfjg<, Ì žü□s, ðŸ‘è(0:OFF, 1:ON)

27 SPI\_GETMENUDROPALIGNMENT f|fbfvfAfbfvf[]fjf... [] , [µ, ¼, è, |, ©%E, ¼, è, |, ©, ðŽæ“¾(0:[]µ, |, 1:%E‘µ, |)

28 SPI\_SETMENUDROPALIGNMENT f|fbfvfAfbfvf[]fjf... [] , [µ, ¼, è, |, ©%E, ¼, è, |, ©, ðŸ‘è(0:[]µ, |, 1:%E‘µ, |)

29 SPI\_SETDOUBLECLKWIDTH f\_fuf<fnfššfbfn, Ì2%ñ- Ú, Ìfnfššfbfn, [µ, Å”F, β, ç, ê, é, ½, β, Ì□A1%ñ-Ú, Æ2%ñ- Ú, ÌšŌ, Ì’••ûÆ` , Ì•□, ðŸ‘è

30 SPI\_SETDOUBLECLKHEIGHT f\_fuf<fnfššfbfn, Ì2%ñ- Ú, Ìfnfššfbfn, [µ, Å”F, β, ç, ê, é, ½, β, Ì□A1%ñ-Ú, Æ2%ñ- Ú, ÌšŌ, Ì’••ûÆ` , Ì̄, , ³, ðŸ‘è

32 SPI\_SETDOUBLECLICKTIME f}fEfX, Ìf\_fuf<fnfššfbfnžžšŌ, ð(f~fš•b’P^Ê, Å)Ÿ‘è

33 SPI\_SETMOUSEBUTTONSWAP f}fEfX, Ì %E{f^f“, Æ[]f{f^f“, Ì<@”\, ðÆðš•□A, Ü, ½, ÍÆ³, É- β, •(0:‘Ê□í, Ì□ó‘Ô, 1:Æðš•)

35 SPI\_GETFASTTASKSWITCH fAfvfššP[]fvf†f“, Ì̄, ‘-□∅, è‘ö, |, Ì□ó‘Ô, ðŽæ“¾(0:OFF, 1:ON)

36 SPI\_SETFASTTASKSWITCH fAfvfššP[]fvf†f“, Ì̄, ‘-□∅, è‘ö, |, Ì□ó‘Ô, ðŸ‘è(0:OFF, 1:ON)

-ß, è'l

0 □` fšf^[]f“”l

—á

```
SYSTEMPARAMETERSINFO SPI_SETDESKWALLPAPER "%windir%\tartan.bmp"  
SPIF_UPDATEINIFILE
```

## GETCLIPBOARD ŠÂ««•İ”-¼ ,Ü,½,Í /F[:]ftf@fCf<-¼

fNfŠfbfvf{[]fh,©,ç•ŦŽš—ň,đŽó,~Žæ,èŠÂ««•İ” ,É’ă“ü,μ,Ü,·□B

fNfŠfbfvf{[]fh,É—LÆø,Èff[]f^ ,ª,È,ç[]ê[]ŠÂ««•İ” ,Í<ó,É,È,è,Ü,·(□í[]œ,³,ê,Ü,·)□B

ŠÂ««•İ” ,ì’ă,í,è,É /FflfvfVf#f” ,đŽw’è,μ,Äftf@fCf<,ÉfNfŠfbfvf{[]fh,ì“à—  
e,đŽó,~Žæ,é,±  
,Æ,à,Å,«,Ü,·□B^μ,ì,éftf@fCf<,ÍfefLfxfgftf@fCf<,ì,Ý,Å□A□Å’ă,ìftfCfY,Í32KB,Å,·□Bf  
NfŠfbfvf{[]fh,ì“à—  
e,đŽó,~Žæ,é,È,©,Á,½[]ê[]Aftf@fCf<,ÍÆ³,ì[]ó’Ô,ì,Ü,Ü,É,È,è,Ü,·□Bftf@fCf<-  
¼,ì[]æ“ª,đ ‘+’ ,É,·,é,ÆŽw’è,ìftf@fCf<,É’Ç%oÁ,μ,Ü,·□B

### -ß,è’l

|     |                                     |
|-----|-------------------------------------|
| 0   | □³[]í[]l—¹                          |
| 1   | fNfŠfbfvf{[]fh,É—LÆø,Èff[]f^ ,ª,È,ç |
| 250 | (/FŽw’èŽž)ftf@fCf<,ª[]ì[]¬,Å,«,È,ç  |
| 254 | ŠÂ««•İ” ,ì—ì^æ,ª’« ,è,È,ç           |
| 255 | fpf%oof[]f^[]l ,ª•s’«               |

### —á

GETCLIPBOARD ENVNAME  
GETCLIPBOARD /F:CLIPFILE.TXT

### ŽQ[]l

SETCLIPBOARD



## SETCLIPBOARD[=FORMAT] • ěš—ň ,ü,½,í /F[:]ftf@fCf<-¼

fNfŠfbfvf{[fh,É•ěš—ň,đŸ'è('—o),μ,Ü,·B

• ěš—ň,žw'è,³,è,È,©,Á,½ê±AfNfŠfbfvf{[fh,ì“à—e,ìÁ<Ž,đs,È,č,Ü,·B

**FORMAT**ftf%ofO,đžw'è,μ,½ê± PRINTF ,Æ“~,Ě`Ž®,Á\n,È,Ç,ìfGfXfP[fv,žg—p,Á,«,Ü,·(fGfXfP[fv,ì,Ÿ,Á%%d,È,Ç,ì^ø”,íŽg—p,Á,«,Ü,<sup>1</sup>ňA,Ü,½\g,íŽg—p,Á,«,Ü,<sup>1</sup>ň)B,±,è,É,æ,è•ěš—ň,ì“r't,Á%ü[s,È,Ç,đs,È,±,Æ,<sup>a</sup>,Á,«,Ü,·B

• ěš—ň,ì“ã,í,è,É /Ff|fvfVf#f“,đžw'è,μ,Äftf@fCf<,ì“à—e,đŸ'è('—o),·,é,±,Æ,à,Á,«,Ü,·B^μ,ì,éftf@fCf<,ìfefLfxfgftf@fCf<,ì,Ÿ,ÁAÁ'á,ìTfCfY,í32KB,Á,·B

-ß,è'l

|     |                             |
|-----|-----------------------------|
| 0   | ³í — <sup>1</sup>           |
| 1   | fNfŠfbfvf{[fh,žg—p,Á,«,È,č  |
| 250 | (/Fžw'èžž)ftf@fCf<,žŸ,μ,È,č |

—á

SETCLIPBOARD

SETCLIPBOARD ,±,è,í WinBatchEh ,©,ç,ìfNfŠfbfv,Á,·

SETCLIPBOARD=FORMAT ,±,è,í\nWinBatchEh\n,©,ç,ìfNfŠfbfv,Á,·

SETCLIPBOARD /F:README.TXT

žQ|

GETCLIPBOARD

**POSTMESSAGE[=ftf%ofo] "fEfBf"fhfEf^fCfGf<" ffbfZ[fW**  
**POSTMSG[=ftf%ofo] "fEfBf"fhfEf^fCfGf<" ffbfZ[fW**  
**SENDMESSAGE[=ftf%ofo] "fEfBf"fhfEf^fCfGf<" ffbfZ[fW**  
**SENDMSG[=ftf%ofo] "fEfBf"fhfEf^fCfGf<" ffbfZ[fW**

fAfvfŠfP[fVf#f" ,Éf[fbfZ[fW,đ'—,è,Ü,·□B

**POSTMESSAGE**,Íf[fbfZ[fW,đ'—,Á,Ä,·,®,Éfofbf` ,É-β,è,Ü,·□B  
**SENDMESSAGE**,Íf[fbfZ[fW,đ'—,Á,Ä%ž"š,ª, ,é,Ü,Á'Ö,¿,Ü,·□B

**SENDMESSAGE**,Á,Í'—,è,È,ç[é[±ª, ,è,Ü,·,ì,Á□A'Ê[í,Í**POSTMESSAGE**,ì•û,đŽg  
—p,µ,Ä,,¾,¾,ç□B(SENDMESSAGE,É'Í,µ,ÄfAfvfŠfP[fVf#f" ,ª  
%ž"š,đ•Ö,¾,È,çfRf}f"fh,ì[é[±WindowsŽ©[g,ªŽ~ ,Ü,Á,Ä,µ,Ü,ª%Ä" \[ª, ,è,Ü,·) □B

fEfBf"fhfEf^fCfGf<,ì  
%op'â[—•¶Žš,Æ"¼Šp'SŠpfjf^fjfi,í"^-êŽ<,¾,è,Ü,·□BfEfBf"fhfEf^fCfGf<,í'O•û^è'v,  
Ü,½,ÍĀĒ•û^è'v,ÁĀŸ[ö,ª[s,È,í,è,Ü,·(f^fCfGf<ĀŸ[ö,ÌŽd—l)□B

fNf%ofoX-¼,ª•ª,©,Á,Ä,ç,é[é[±□A"@fNf%ofoX-¼" ,Æ,·,è,ÍfNf%ofoX-¼,É'Í,·,é[—  
□,ª[s,È,ì,Ü,·□BfNf%ofoX-¼,đŽw'è,·,é[é[±,à%op'â[—•¶Žš,à"äŠr,¾,è,Ü,·,µ□A,±  
,ì[é[±'O•û^è'v,Æ,í,È,è,Ü,¹,ñ□B  
fnf"fhf<"Ô[±,ª•ª,©,Á,Ä,ç,é[é[±□A"\$fnf"fhf<"Ô[±"  
,Æ,·,è,ÌŽw'è,Ífnf"fhf<"Ô[±,đŽ□,ÁfEfBf"fhfE,É'Í,·,é[—  
□,ª[s,È,ì,Ü,·□Bfnf"fhf<"Ô[±,í16[i□",ÁŽw'è,µ,Ü,·□B

ftf%ofo,É REAL ,đŽw'è,·,é,ÆfEfBf"fhfEf^fCfGf<,í□³Šm,ÈĀŸ[ö,ª[s,È,í,è,Ü,·□B,±  
,ì[é[±%op'â[—•¶Žš,â"¼Šp'SŠpfjf^fjfi,à<æ•É,¾,è,Ü,·,µ□Aftf@fCf<-¼,ªĀĒ,É'±,-  
[é[±,í,» ,ì•"ª,Ü,Á□³Šm,É<L□q,·,é•K—v,ª, ,è,Ü,·□B

•K—v,È[é[±,í□AfvfŠfP[fVf#f" ,ìĀĒ,É,¾,ç,Éfpf%ofo[f^[[,đŽw'è,µ,Ä,,¾,¾,ç□B

f[fbfZ[fW,ÁŽg—p,Á,« ,» ,ª,È,à,ì,í^È%º,ì,à,ì,Á,·□B('è<`•¶Žš—ñ,đŽg—  
p,·,é[é[±,í'â•¶Žš,ÁŽw'è,µ,Ä,,¾,¾,ç)□B,±,è^ÈŠO,ì□"l,đ'¼□ÚŽw'è,µ,Ä,ç,è,ç  
,è,È[fbfZ[fW,đ'—,é,±,Æ,ª,Á,« ,é,©,ÆŽv,ç,Ü,·,ª□A□Á^«fVfXfef€,ª%ó,è,é%Ä" \  
□ª, ,è,Ü,·,µ□ASDK,ìf}fjf...fAf<"™ ,đŽQ□Æ,µ,Ä□AŽw'è,µ,Ä,,¾,¾,ç□B

<□" 'l> <'è<`•¶Žš-ñ>  
0x0010 WM\_CLOSE  
0x0012 WM\_QUIT

<"®[ì,ì"à-e>  
[I-¹(•Ä,¶,é)  
[I-¹("²,~,é)

fAfvfŠfP[fVf#f" ,đ[—¹,·,é"®[ì,đ[s,È,ç,Ü,·□B,Ç,¿,ç,đŽg,Á,Ä,à"~,¶,æ,ª,È^Ó-  
j,Á,·,ª□A•Đ•û,µ,©Ā∅,©,È,ç[é[±,à, ,è,Ü,·□B

<''l> <'è<`•ŕŽš-ñ>  
0x0100 WM\_KEYDOWN  
0x0101 WM\_KEYUP  
0x0102 WM\_CHAR  
fL[, ÌfR[fh, ð'-, é

<"@ì, Ì"à-e>  
fL[, ð%ÿ, ·  
fL[, ð-f, ·

1"Ô-Ú, Ìfpf%of[f^[, É%¼'zfl[, ÌfR[fh, ðŽw'è, µ, Ü, ·B  
'A, µ3, Á, Ì^—, Ì, Ç, è, ã—LÆø, É^µ, í, è, é, ©, ÌfAvfŠfP[fVf#f", É, æ, è, Ü, ·, µAfL["ü—  
Í, ð, », Ì, Ü, Ü^—, µ, Á, ç, È, çê#à, , èA, », Ìê#Í"®ì, ãs, È, Ì, Ü, ¹, ñB  
%¼'zfl[, ÌfR[fh, ÌŽQÆ

<''l> <'è<`•ŕŽš-ñ>  
0x0112 WM\_SYSCOMMAND  
[fRf}f"fh

<"@ì, Ì"à-e>  
fVfXfef€fj f...

1"Ô-Ú, Ìfpf%of[f^[, ÉfVfXfef€(fRf"fgf[f<)fj f...  
[(^ê"Ôŕŕã, ðfNfŠfbfN, µ, ½, Æ, «, Éo, éfj f... [fRf}f"fh, Ì"à—  
e, È, Ç)Æn, ÌfR[fh, ðŽw'è, µ, Ü, ·B  
Žã, ÈfR[fh, ÌŽÿ, Ì'É, è, Á, ·B

<''l> <'è<`•ŕŽš-ñ>  
<"@ì, Ì"à-e>  
0xF000 SC\_SIZE  
fTfCfY•İX  
0xF010 SC\_MOVE  
^Ú"®  
0xF020 SC\_MINIMIZE  
ŕŕ-(fAfCfRf")%»  
0xF030 SC\_MAXIMIZE  
ŕŕ'ã%»  
0xF060 SC\_CLOSE  
fNf[fY  
0xF120 SC\_RESTORE  
'ÉíTfCfY, É•æE³  
0xF130 SC\_TASKLIST  
f^fXfNfŠfXfg  
0xF140 SC\_SCREENSAVE  
fXfNfŠ[f" fZ[f o[ <N"®

-ß, è'l  
0 (POSTMESSGAE, Ìê#)³í|—¹  
1 (POSTMESSGAE, Ìê#)fGf%o[  
253 Žw'è, ÌfEfBf"fhfE, ãÆ©, Á, ©, ç, È, ç

255            fpf%oof[]f^[][,a•s'«  
0 []`            (SENDMESSAGE,ì[]ê[]#)fšf^[]f""l,Ü,½,ÍfGf%o[]fR[]fh  
                 (SENDMESSAGE,ì[]ê[]#fGf%o[][,Æfš[]f^f",ð<æ•Ê,Â,<,Ü,¹,ñ)

—á

POSTMESSAGE ""d'ì" WM\_QUIT  
POSTMESSAGE "^óü" WM\_KEYDOWN 0x0d  
POSTMESSAGE=REAL "f[]f,' -[]i-³'è[]j" WM\_SYSCOMMAND SC\_MINIMIZE  
SENDMESSAGE ""d'ì" 0x0010  
SENDMESSAGE=REAL "f[]f,' -[]i-³'è[]j" WM\_QUIT

**žQ[]I**

IF (IF EXISTWINDOW)

SENDKEY

SENDMENUKEY

**SENDMENUKEY[=ftf%ofO] "fEfBf"fhfEf^fCfGf<" fL[fR[fh  
[fL[fR[fh ...]**

fAfVfŠfP[fVf+f" ,lfjff...[ ,đ'í'đ,μ,Ü,·B

fAfVfŠfP[fVf+f"" à,lfjff...[ ,í'ÉíAltL[f ,ÆfL[f{[fh,í•ŕŽš,đ%Ÿ,·,±  
,Æ,É,æ,è'í'đ,Å,«,Ü,·,ªA,±,lfRf}f"fh,É,æ,è,» ,İŽ-,Æ"- ,ŕ" ®[ ,ªs,È,İ,Ü,·B

fL[fR[fh,í""l,Ü,½,í' ' ,Å^í,Á,½•ŕŽš(%op'â•ŕŽš)  
,đŽw'è,μ,Ü,·BfL[fR[fh,í'ó"" ,Å<æ[Ø,Á,Å•j""Žw'è,·,é,±,Æ,ª,Å,«,Ü,·B—  
á,İ,İNOTEPAD.EXE(f[f, ' ) ,İu•ÖW(E)[vfjff...  
["à,İuŽž[ ,Æ"ú•t,í' }"ü(D)[v,đ[s,È,æ,É,íA

SENDMENUKEY "f[f, ' " 'E' 'D'

,İ—İ,ÉŽw'è,μ,Ü,·B•j[ ,lfL[["€[ ,É,æ,è[s,È,æfAfNfVf+f" ,íA,±,İ,æ,æ  
,É^è"x,ÉŽw'è,·,é,æ,æ,É,μ,Å,,¾,¾,çB

fEfBf"fhfEf^fCfGf< ,İ  
%op'â[•ŕŽš,Æ"¼Šp'SŠpfj^fjfi,í"~^êŽ<,¾,è,Ü,·BfEfBf"fhfEf^fCfGf<,í'O•û^è'v,  
Ü,½,İĀĀ•û^è'v,ÅĀĀ[đ,ªs,È,í,è,Ü,·(f^fCfGf<ĀĀ[đ,İŽd—)B

fNf%ofX-¼,ª•ª, © ,Á,Ä,ç,éê[±A"@fNf%ofX-¼" ,Æ,·,è,İfNf%ofX-¼,É'í,·,é^—  
[ ,ªs,È,İ,Ü,·BfNf%ofX-¼,đŽw'è,·,éê[±,à%op'â[•ŕŽš,à"äŠr,¾,è,Ü,·,μA,±  
,İê[±'O•û^è'v,Æ,İ,É,è,Ü,¹,ñB

fnf"fhf<"Ô[±,ª•ª, © ,Á,Ä,ç,éê[±A"\$fnf"fhf<"Ô[±"  
,Æ,·,è,İŽw'è,İfnf"fhf<"Ô[±,đŽ[ ,ÆfEfBf"fhfE,É'í,·,é^—  
[ ,ªs,È,İ,Ü,·Bfnf"fhf<"Ô[±,İ16[í[ ,ÅŽw'è,μ,Ü,·B

ftf%ofO,É REAL ,đŽw'è,·,é,ÆfEfBf"fhfEf^fCfGf<,í³Šm,ÈĀĀ[đ,ªs,È,í,è,Ü,·B,±  
,İê[±%op'â[•ŕŽš,â"¼Šp'SŠpfj^fjfi,à<æ•É,¾,è,Ü,·,μAftf@fCf<-¼,ªĀĀ,É'±,·  
[ê[±,İ,» ,İ•"•ª,Ü,Å³Šm,É<L[q,·,é•K—v,ª, ,è,Ü,·B

["' ^Ó: fAfVfŠfP[fVf+f" ,âŠÂ«« ,É,æ,Á,Ä,í,±  
,İfRf}f"fh,í" ®[ ,μ,È,ç[ê[±,ª, ,è,Ü,·B

SENDMENUKEY ,ÅfL[ ,đ'— ,è,È,ç[ê[±,í SENDKEY ,İ Alt  
fL[ ,Æ,İ'g,Ý[±,í,¹,É,æ,éfL[ ,İ'—[o,đŽg—p,μ,Å,Ý,Ä,,¾,¾,çB

<Āfo[fWf+f" ,Å,í POSTMENUCHAR ,Æ,μ,Ä,ç,Ü,μ,½,ªA•ª, © ,è,É,,ç  
,½,İfRf}f"fh-¼,đ•İ[X,μ,Ä,ç,Ü,·(POSTMENUCHAR ,àŽg—p,Å,«,Ü,·)B

-B,è'İ

- 0 [³[í[—¹
- 1 fGf%o[

253           Žw'è,ìfEfBf“fhfE,ªŒ©,Â,©,ç,È,č  
255           fpf%oof[]f^[][,ª•s'«[]Afpf%oof[]f^[][,ìfGf%oof[]

—á

SENDMENUKEY "fNfŠfbfvf{[]fh" 0x48 0x41  
SENDMENUKEY=REAL "f[]f,' -[]i-³'è[]j" 'E' 'D'  
SENDMENUKEY @PROGMAN 'W' 'C'

žQ[]I

POSTMESSAGE/SENDMESSAGE

SENDKEY

## SENDKEY[=ftf%ofo] "fEfBf"fhfEf^fCfjf<" fL[fR[fh [fL[fR[fh ...]

fL[fR[fh,đ'¼'Ú—,è,Ü,·BfAfvfŠfP[fVf+f",É,æ,Á,Ä,Í'—,ê,È,çêê±,ª, ,è,Ü,·,ªA  
POSTMESSAGE,İWM\_KEYDOWN,È,Ç,đŽg—p,·,é,æ,èA,Ü,ÚŠmŽÀ,ÉfL[,đ  
%oY,·"®i,đs,È,ž—,ª,Å,«,Ü,·Bfjff...[,İfL[,đ%oY,·,Æ,«,Í SENDMENUKEY  
,đŽg—p,µ,½•ú,ª^À'S,Å,·B

fL[fR[fh,í"'l,Ü,½,í' ',Å^í,Á,½•ŕŽš(%op'â•ŕŽš)  
,đŽw'è,µ,Ü,·BfL[fR[fh,í<ó"',Å<æ∅,Å,Å•j"'Žw'è,·,é,±  
,Æ,ª,Å,«,Ü,·B,Ü,½AfL[fR[fh,ì'O,É^È%oo,İ<L+đ•t,·,éŽ—  
,É,æ,èASHIFTfL[,È,Ç,Æ,ì'g,Ý±,í,¹,đŽw'è,·,éŽ—,ª%oÅ"\,Å,·B

|            |                    |
|------------|--------------------|
| <<L+>      | <^Ó—j>             |
| +          | SHIFTfL[           |
| ^          | Control (CTRL) fL[ |
| % ,Ü,½,Í & | Alt fL[            |

fL[fR[fh,É,í%¼'zfl[,İŽw'è,àŽg—p,Å,«,Ü,·%¼'zfl[,İfR[fh,İŽQÆB

•ŕŽš—ñ,È,Ç,đ"ü—í,·,é,½,ß,ÉA,±,İfRf}f"fh,đŽg—p,·,é,İ,Í CAPS ffbfN,İ  
%oe<ž,đŽó,·,é,½,ßA, ,Ü,è—Ç,ç•ú-@,Å,Í, ,è,Ü,¹,ñB•ŕŽš—ñ,đ"ü—  
í,·,é,É,İfNfŠfbfvf{[fh~ACEg,đŽg—p,µ,Ä,,¾,¾,çB

fEfBf"fhfEf^fCfjf<,İ  
%op'â—•ŕŽš,Æ"¼Šp'SŠpfj^fjfi,í"^-êŽ<,ª,ê,Ü,·BfEfBf"fhfEf^fCfjf<,í'O•ú^ê'v,  
Ü,½,İCEã•ú^ê'v,ÅCEYđ,ªs,È,í,ê,Ü,·(f^fCfjf<CEYđ,İŽd—)B

fNf%oX-¼,ª•ª,©,Á,Ä,ç,éêê±A"@fNf%oX-¼",Æ,·,ê,İfNf%oX-¼,É'Í,·,é^—  
[,ªs,È,İ,Ü,·BfNf%oX-¼,đŽw'è,·,éêê±,à%op'â—•ŕŽš,à"äSr,ª,ê,Ü,·,µA,±  
,İêê±'O•ú^ê'v,Æ,Í,É,è,Ü,¹,ñB

fnf"fhf<"Ô±,ª•ª,©,Á,Ä,ç,éêê±A"\$fnf"fhf<"Ô±"  
,Æ,·,ê,İŽw'è,İfnf"fhf<"Ô±,đŽ,ÅfEfBf"fhfE,É'Í,·,é^—  
[,ªs,È,İ,Ü,·Bfnf"fhf<"Ô±,İ16i",ÅŽw'è,µ,Ü,·B

ftf%ofo,É REAL ,đŽw'è,·,é,ÆfEfBf"fhfEf^fCfjf<,İ³Šm,ÈCEYđ,ªs,È,í,ê,Ü,·B,±  
,İêê±%op'â—•ŕŽš,â"¼Šp'SŠpfj^fjfi,à<æ•É,ª,ê,Ü,·,µAftf@fCf<-¼,ªCEã,É'±,-  
êê±,í,»,"•ª,Ü,Å³Šm,É<Lq,·,é•K—v,ª, ,è,Ü,·B

İ'Í^Ó: fAfvfŠfP[fVf+f",âŠÂ««A•ŕŽšfR[fh,É,æ,Á,Ä,Í,±  
,İfRf}f"fh,í"®i,µ,È,çêê±,ª, ,è,Ü,·B

-ß,è'l

|     |                  |
|-----|------------------|
| 0   | ³í —¹            |
| 1   | fGf%o[           |
| 251 | DLL,İf[fh,ÉŽ, "s |

253 Žw'è,ìfEfBf“fhfE,ªŒ©,Â,©,ç,È,đ  
255 fpf%oof[]f^[][,ª•s'«,Ü,½,ÍGf%o[]

—á

SENDKEY "f[]f,' " VK\_TAB  
SENDKEY "f[]f,' " VK\_HOME +VK\_END ^'C'  
SENDKEY "f[]f,' " &VK\_F4

žQ[]I

POSTMESSAGE/SENDMESSAGE

SENDMENUKEY

SETCLIPBOARD



## DDEEXECUTE[=ftf%ofo] "fEfBf"fhfEf^fCfGf<" ŽÀ[sfRf}f"fh

DDEfT[fOf[fEfRf}f"fh,đŽÀ[s,³,¹,Ü,·]B

fEfBf"fhfEf^fCfGf<,ì

%op'â[fOf[fEfRf}f"fh,đŽÀ[s,³,¹,Ü,·]BfEfBf"fhfEf^fCfGf<,í'O•û^ê'v,  
Ü,½,í,Ěã•û^ê'v,ĀĚŸ[ö,²[s,Ě,í,ê,Ü,·(f^fCfGf<ĚŸ[ö,ìŽd—l)]B

fNf%ofofX-¼,²•²,©,Á,Ä,č,é[ê[±]A"@fNf%ofofX-¼",Ě,·,ê,ìfNf%ofofX-¼,É'í,·,é[^—  
[,²[s,Ě,í,Ü,·]BfNf%ofofX-¼,đŽw'è,·,é[ê[±,à%op'â[fOf[fEfRf}f"fh,đŽÀ[s,³,¹,Ü,·,μ]A,±  
,ì[ê[±]O•û^ê'v,Ě,í,Ě,è,Ü,¹,ñ]B

fNf"fhf<"Ô[±,²•²,©,Á,Ä,č,é[ê[±]A"\$fNf"fhf<"Ô[±"  
,Ě,·,ê,ìŽw'è,ìfNf"fhf<"Ô[±,đŽ[ĀfEfBf"fhfE,É'í,·,é[^—  
[,²[s,Ě,í,Ü,·]BfNf"fhf<"Ô[±,í16[i]" ,ĀŽw'è,μ,Ü,·]B

ftf%ofo,É REAL ,đŽw'è,·,é,ĚfEfBf"fhfEf^fCfGf<,í[³Šm,ĚĚŸ[ö,²[s,Ě,í,ê,Ü,·]B,±  
,ì[ê[±]²%op'â[fOf[fEfRf}f"fh,đŽÀ[s,³,¹,Ü,·,μ]Aftf@fCf<-¼,²Ěã,É'±,-  
[ê[±,í,» ,ì•"²,Ü,Ā[³Šm,É<L[q,·,é•K—v,², ,è,Ü,·]B

ŽÀ[sfRf}f"fh,í'Ê[í [ ] ,Ā^í,č,Ü,·]B

—á,ì,ìfvf[fOf%of€f}fì[fWff,ÉfOf<[fv,đ'Ç

%oÁ,·,é,É,ìŽÀ[sfRf}f"fh,đ[A"[CreateGroup(fOf<[fv-¼)]",ì,æ,π,ÉŽw'è,μ,Ü,·]B

ŽÀ[sfRf}f"fh,ì"à—e,É,Ā,č,Ā,íSefT[fOf[fAfvfŠfP[fVf±f",ìDDE,É,Ā,č,Ā,ìŽ'—z,²•K  
—v,Ě,Ě,è,Ü,·]B

### -B,è'l

- 0 [³[í[—¹
- 1 DDE'î~bŠm—\$fGf%o[
- 2 fRf}f"fh'—[ofGf%o[
- 253 Žw'è,ìfEfBf"fhfE,²Ě©,Ā,©,ç,Ě,č
- 255 fpf%of[f^[[,²•s'«

### —á

DDEEXECUTE=REAL "fvf[fOf%of€ f}fì[fWff" [CreateGroup(WinBatchEh)]

## **fNf%ofX-1/4**

Windows,lfAfvfŠfP[fVf#f“,aŽ©•aŽ©g,đŽ•Ê,·,é,1/2,ß,Windows,Ö,ì“o~^-

1/4,Å,·B'ÊíNf%ofX-1/4,lfAfvfŠfP[fVf#f““à•”,ÅŽg—p,<sup>3</sup>,ê,é-1/4ì,Å,·B

'ÊíNf%ofX-1/4,Í'm,é,±

,Æ,<sup>a</sup>,Å,«,Ü,<sup>1</sup>,ñ,<sup>a</sup>AGETFOCUS,âFINDWNDfRf}f“fh,ÅŽæ“<sup>3/4</sup>,·,é,±,Æ,<sup>a</sup>,Å,«,Ü,·B

Windows, ðfAfvfŠfP [fvfþf“ , ð, » , ê, ¼, ê, ðfEfBf“fhfE, É•t, ¯, ç, ê, ½”Ô t, Å, · Bfnf“fhf<, í,  
» , ê, ¼, ê, ðfEfBf“fhfE, É•Ê X, ð”Ô t, ðŠ,,, è“-  
, Ä, ç, ê, Ü, ·, ð, Å A• j“ , ð”^êfAfvfŠfP [fvfþf“ , ð” ® ð, µ, Ä, ç, é ê ð †, Å, à A-  
¾Šm, É<æ•Ê , ·, é, ±, Æ, ð, Å, «, Ü, · B  
fnf“fhf<”Ô t, í AGETFOCUS, â FINDWNDfRf}f“fh, ÅŽæ“¾, ·, é, ±, Æ, ð, Å, «, Ü, · B

## fEfBf“fhfEf^fCfjf<Āÿō,ìŽd—l

fEfBf“fhfEf^fCfjf<Āÿō,íĚ%º,ìŽB-t,<sup>3</sup>Ā^ê'v,ì”»'f,ðs,È,ç,Ü,·B

### 'O•û^ê'v:

Žw'è,μ,½•ŕŽš—ñ,ÆfEfBf“fhfEf^fCfjf<,ì'O•û,^ê'vB

—á) ŕf, ' - FILE.TXTv ,È,ç,í "f, ' " ,ìŽw'è,Ā^ê'vB

### Āã•û^ê'v:

Žw'è,μ,½•ŕŽš—ñ,ÆfEfBf“fhfEf^fCfjf<,Āã•û,^ê'vB

—á) ŕf, ' - FILE.TXTv ,È,ç,í "FILE.TXT" ,ìŽw'è,Ā^ê'vB

### %op'âŕ•ŕŽš:

%op'âŕ•ŕŽš,í“^êŽ<,<sup>3</sup>ê,éB”¼Šp,ì%opŽš,ì,Ý,É—

LĀø,Ā'SŠp•ŕŽš,í“^êŽ<,<sup>3</sup>ê,Ü,<sup>1</sup>ñB

—á) "FILE.TXT" "file.txt" "File.Txt" ,í“ ,ŕ,Æ,Ý,È,<sup>3</sup>ê,Ü,·B

### ”¼Šp'SŠpŕfjfi:

”¼Šp,Æ'SŠp,ŕfjfi,í“^êŽ<,<sup>3</sup>ê,éBŕfjfi,ì,Ý,Ā—LĀø,Ā

%opŽš,ì”¼Šp'SŠp,È,ç,í“^êŽ<,<sup>3</sup>ê,Ü,<sup>1</sup>ñB

—á) "f, ' " "ÒÓ' " ,í“ ,ŕ,Æ,Ý,È,<sup>3</sup>ê,Ü,·B

fEfBf“fhfEf^fCfjf<,Āÿō,Ā,íAă<L^ÈŠO,ìá,ç(”¼Šp,Æ'SŠp,æ•Ê,<sup>3</sup>ê,é  
%op”Žš,â<L†,È,ç)

,â<ó””,ðŠÜ,pê†,» ,ĀĀ” ,È,ç,â^ê'v,ìðĀ ,É,È,é,ì,Ā<C,ð•t, ,Ă,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,çB

,È, ”Aftf%ofO,É REAL ,ðŽw'è, ,é,È,çŠ®'S^ê'v,Āÿō, ,éê†,íAžB-  
†,Āÿō,íêØs,È,í,ê,Ü,<sup>1</sup>ñB

-ß,é

□\‘¢%o»

WinBatchEh,Â,Í,¢,,Â,©,ìfRf}}f“fh,É,Â,¢,Ä□\‘¢%o»,ð□s,È,Á,Ä<L□q,·,é,±  
,Æ,ª,Â,«,Ü,·□B□\‘¢%o»,ð□s,È,ª  
,Æ□A□ðŒ□”»è,É,æ,é•i□”,ìfRf}}f“fh□s,âŒJ,è•Ô,μ,ìŽÀ□s□A•jŽG,È•ªŠò,È,Ç,ð  
GOTO ,ðŽg—p,<sup>1</sup>,,É<L□q,Â,«□Afofbf` ,ðŒ©,â,·,□A,Ü,½ŠĚ’P,É,·,é,±  
,Æ,ª,Â,«,Ü,·□B

□\‘¢%o»,ð□s,È,ª,É,Í□\‘¢%o»,ìŠŽn-½—ß(IF ,â FOR, WHILE),Æ□A□I—<sup>1</sup>-½—  
ß(ENDIF ,â ENDFOR, ENDWHILE)□A,ðfyfA,É,μ,Ä•K—v,Æ,μ,Ü,·□B

□\‘¢%o»ŠŽn-½—ß

⋮  
ŽÀ□s,·,éRf}}f“fh

⋮  
□\‘¢%o»□I—<sup>1</sup>-½—ß

□'''l,ìžw'è

□'''l,ìžw'è,í10□i□",Ü,½,í16□i□",Åžw'è,ð□s,È,ç,Ü,·□B□æ"ª,ð 0x ,Ü,½,í 0X ,Åžn,ß,é,Æ16□i□"□A,»,ê^ÈŠO,È,ç10□i□",ìžw'è,Æ,È,è,Ü,·□B

□'''l,ìžw'è,ð□s,È,κ•"•ª,Å%%ŽŽ,ð□s,È,κ,±,Æ,à,Å,«,Ü,·□B%%ŽŽžq,í^È %%º,ì,à,ì,ªžg—p%%Å"\,Å,·□B

|            |            |                    |
|------------|------------|--------------------|
|            | <%%ŽŽžq>   | <%%ŽŽ,ì"à-e>       |
| <-D□æ□#^Ê> |            |                    |
| 1          | RANDOM     | -□□",ð"□¶          |
| 1          | ERRORLEVEL | ERRORLEVEL,ì'l     |
| 1          | ŠÂ<<•İ□"-¼ | ŠÂ<<•İ□",ì'l       |
| 1          | ( )        | Š‡ÆÊ (□æ,É%%ŽŽ)    |
| 2          | *          | □æŽŽ (Š ,~ŽŽ)      |
| 3          | /          | □èŽŽ (Š,,èŽŽ)      |
| 3          | #          | □è-] (Š,,èŽŽ,ð,µ,½ |
| -],è) 3    | +          | %%ÁŽŽ ('«,µŽŽ)     |
| 4          | -          | Æ,ŽŽ (^ø,«ŽŽ)      |
| 4          | &          | AND                |
| 5          | \$         | OR                 |
| 5          | ^          | XOR                |
| 5          |            |                    |

Ž®,í•j□",ð□¬,º□#,í,¹,Äžg—p,Å,«,Ü,·,ª□A%%ŽŽžq,í-D□æ□#^Ê,ðž□,Á,Ä,"è-D□æ□#^Ê,ì□,,ç,à,ì(□ã<L□'''l,ì□¬,³,ç,à,ì),Ü,ç-D□æ"x,ª□,,-□æ,ÉÆvŽŽ,ª□s,È,í,ê,Ü,·□B

f□[fo□[ftf□□["™,í□l—¶,¹,,É16frfbfgfo□[fWf#f",Å,í16BIT,ì□,"x(0□`65535),Å□A32frfbfgfo□[fWf#f",Å,í32BIT,ì□,"x(0□`4294967295),Å'P□fÆvŽŽ,ð□s,È,Á,Ä,ç,Ü,·□B—á,!,í(0-2),ð□s,È,κ,Æ16frfbfgfo□[fWf#f",Å,í65534,ª□A32frfbfgfo□[fWf#f",Å,í4294967294,ªÆvŽŽ'l,É,È,è,Ü,·□B 'A,µERRORLEVEL,ÉŠÖ,µ,Ä,í16frfbfg□A32frfbfgfo□[fWf#f"<κ□A0□`65535,ì"í^í,ì□'''l,Æ,È,è,Ü,·□B

RANDOM,đŽg—p,·,é,Æ—□□",đ"□¶,·,é,±,Æ,à,Å,«,Ü,·□B—□□",đ"-  
□¶,<sup>3</sup>,<sup>1</sup>,é,É,í□A"RANDOM □"'l" ,Æ,μ,Ä,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ç□BŽw'è,<sup>3</sup>,ê,<sup>1</sup>/<sub>2</sub>□"'l^È%oo<sup>o</sup>,ì 0□` (□"'l-1)  
,ì—□□",đ"□¶,μ,Ü,·□B

ŠÂ««•ï□",đŽw'è,·,é□ê□‡,í % ,Å^í,í,È,,Ä,à□\,ç,Ü,<sup>1</sup>,ñ□B'A,μ % ,đ□È—  
a,Å,«,é,ì,í□"'lŽw'è,đ□s,È,π□ê□‡,<sup>3</sup>/<sub>4</sub>,<sup>-</sup>,Å, ,é,±,Æ,É'□^Ó,μ,Ä,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ç□B

-ß,é

## Žš, È%¼'zfL[], ì16[]fR[]fh, Æ'è<`•¶Žš—ñ

%¼'zfL[], É, í È%º, ìŽw'è, º[]s, È, ì, Ü, ·[]B[]"l, ì, ·, x, Ä16[]i[]", Å, ·[]B('è<`•¶Žš—ñ, đŽg  
 —p, ·, é[]ê[]†, ì'â•¶Žš, ÅŽw'è, µ, Ä, -  
 , ¾, ³, ¢)[]B, È, "fRf}f"fh, â[]ó'Ô, É, æ, èÆø, ©, È, ¢[]ê[]†, º, , è, Ü, ·[]B

|                 | <[]" ' ' l> | <'è<`•¶Žš—ñ>        |
|-----------------|-------------|---------------------|
| <fL[], ì"à—e>   | 0x01        | VK_LBUTTON          |
| f}fEfX[]¶f{f^f" | 0x02        | VK_RBUTTON          |
| f}fEfX%Ef{f^f"  | 0x04        | VK_MBUTTON          |
| f}fEfX'tf{f^f"  | 0x08        | VK_BACK             |
| BackSpace       | 0x09        | VK_TAB              |
| TAB             | 0x0c        | VK_CLEAR            |
| Clear           | 0x0d        | VK_RETURN, VK_ENTER |
| Enter(Return)   | 0x10        | VK_SHIFT            |
| Shift           | 0x11        | VK_CONTROL          |
| Ctrl            | 0x1b        | VK_ESCAPE           |
| ESC             | 0x20        | VK_SPACE            |
| SPACE           | 0x23        | VK_END              |
| END             | 0x24        | VK_HOME             |
| HOME            | 0x25        | VK_LEFT             |
| []©             | 0x26        | VK_UP               |
| []ª             | 0x27        | VK_RIGHT            |
| []"             | 0x28        | VK_DOWN             |
| []«             | 0x2d        | VK_INSERT           |
| Insert          | 0x2e        | VK_DELETE           |
| Delete          |             |                     |



|                 |           |              |
|-----------------|-----------|--------------|
| HELP            | 0x2f      | VK_HELP      |
| 0`9             | 0x30`0x39 |              |
| A`Z             | 0x41`0x5a |              |
| Numkey 0`9      | 0x60`0x69 | VK_NUMPAD0`9 |
| *(fAfXf^fŠfXfN) | 0x6a      | VK_MULTIPLY  |
| +(fvf%fX)       | 0x6b      | VK_ADD       |
| ,(fJf“f})       | 0x6c      | VK_SEPARATOR |
| -(f}fCfifX)     | 0x6d      | VK_SUBTRACT  |
| .(fsfŠfIfh)     | 0x6e      | VK_DECIMAL   |
| /(fXf%fbfVf...) | 0x6f      | VK_DIVIDE    |
| F1`F24          | 0x70`0x87 | VK_F1`F24    |
| <u>-ß,é</u>     |           |              |



## WinBatchEh FAQ(—Ç,, ,éŽž-â,Æ%œñ“šW)

WinBatchEh^ê”Ê’€[] fofbf`Æ¾ÆÊ DOSSÖ~A WindowsSÖ~A ,»,’¼

### šWinBatchEh^ê”Ê’€[]

™ Ž©-[],¶,á,È,ç,~,Çf}fVf“,â¬,ç,ì,Å[]Afofbf`ŽÀ[]sfEfBf“fhfE,ì•\  
Ž!,ìfXfNf[]fç,â[],¬,¬,Ä[]ç,Á,Ä,Ü,·

DOS,Å,ÍControl-S,Å%œ-  
Ê,â^êŽž’âŽ~ ,µ,Ü,·,â[]AWinBatchEh,Å,í,»,ìfL[],íÆø,«,Ü,¹,ñ[]Bf[]fbfZ[]fW,ðŠm”F,·  
,é,½,ß,É•\Ž!,ð’âŽ~ ,µ,½,ç[]ê[]#,í[]Afofbf`ŽÀ[]sfEfBf“fhfE,ìf^fCfçfçfo[],ðfhf  
%ofbfO,µ,Ä,,¾,¾,ç[]Bfhf%ofbfO,µ,Ä,ç,éSÔ,í•\Ž!,âŽ~ ,Ü,è,Ü,·[]B

™ []ufRf}f“fh,ì’¼[]ÚŽÀ[]s[]v,Å“@[]ì,ðŠm”F,µ,½,ç,ì,Å,·,â“ü—í,·,é,ì,â-Ê“|,Å,·

fofbf` “à—e•\Ž!fEfBf“fhfE,âfAfNfefBfu,È[]ó’Ô,Å Control-C ,Ü,½,Í Control-Insert  
,ð%Ÿ,·,Æ[]ACE»[]Yf[]fVf“”t,ìfofbf` ,ì•\Ž!,µ,Ä,ç  
,é[]æ“â[]s,â[]AfNfŠfbfvf{[]f[h,ÉfRfs[],¾,è,Ü,·[]B,»,ìÆã[]A[]ufRf}f“fh,ì’¼[]ÚŽÀ[]s[]v  
,ð’ìð,·,è,ì[]A[]æ,Ü,ÇfNfŠfbfvf{[]f[h,ÉfRfs[],µ,½“à—e,âŽÀ[]s,Å,«,Ü,·[]B  
,ç,È,Ý,É[]A[]ufRf}f“fh,ì’¼[]ÚŽÀ[]s[]v,Å F1 fL[],ð%Ÿ,·,Æ[]AZÀ[]s,µ,æ,æ,Æ,µ,Ä,ç  
,éfRf}f“fh,ìfwfçfv,â•\Ž!,¾,è,é[]A,Æ,ç,æ<@“\,à, ,è,Ü,·[]B

### šfofbf`Æ¾ÆÊ

™ ERRORLEVEL,â0,ì,Æ,«,¾,¬GOTO,Å•âŠð,µ,½,ç,ì,Å,·,â[]A•K, ,âŠð,µ,Ä,ç,µ,Ü,ç  
,Ü,·[]B,È,°,Å,µ,â,æ,©?

ŽŸ,ì—í,É,·,é,Æ•K, LABEL,ÉGOTO,µ,Ä,µ,Ü,ç,Ü,·[]B

IF ERRORLEVEL 0 GOTO LABEL

,±  
,è,íERRORLEVEL,ì”»’f,í[]A[]uŽw’è,ì[]”’l^È[]ã,ì,Æ,«[]v,É[]^,Æ,È,é,½,ß,Å[]AERRORL  
EVEL,í,Å,È,É0^È[]ã,ì’l,â“ü,Á,Ä,ç,Ü,·,ì,Å[]A,æ,Ü,,ç,«,Ü,¹,ñ[]B

ŽŸ,ì—í,É,·,è,íERRORLEVEL,â0,ì,Æ,«,¾,¬[]AGOTO,â[]s,È,í,è,Ü,·[]B

IF ERRORLEVEL NOT 1 GOTO LABEL

,Ü,½,í

IF %ERRORLEVEL%=0 GOTO LABEL

,ç,È,Ý,ÉERRORLEVEL,â1,ì,Æ,«,¾,¬GOTO,·,é,É,íŽŸ,ì—í,É,µ,Ü,·[]B

```
IF ERRORLEVEL 1 IF NOT ERRORLEVEL 2 GOTO LABEL
,Ü,½,Í
IF %ERRORLEVEL%==1 GOTO LABEL
```

### ☐šDOSŠÖ~A

```
☐™ DOSfRf}f“fh,lfšf_fCfCfNfg☐o—í,đ☐s,È,Á,Ä,àC<%oÊ,af@fCf<,É•Û‘¶,³,é,Ü,¹,ň
```

```
WinBatchEh,lfofbf` “à,ÁDOSfRf}f“fh,lfšf_fCfCfNfvf#f“,í☐s,È,í,Ü,¹,ň☐B—á,í,Í
"MEM > MEM_OUT.TXT" ,Æ,μ,Ä,à MEM_OUT.TXT,É,í%½,à“ü,è,Ü,¹,ň☐B
,±,í—l,È☐ê☐‡,Í☐ADOS—p,lfofbf`ftf@fCf<,đ•Ê,É—
p^Ó,μ,Ä☐AWinBatchEh,©,ç,» ,lfofbf`ftf@fCf<,đCOMMAND.COM,đCeo—
R,μ,ÄCÄ,Ñ☐o,·,æ,κ,É,μ,Ä,,¾,³,ç☐B
```

```
—á,í,ÍDOS,Á“® ,© ,·fofbf` ,đ☐ADOSBAT.BAT ,Æ,μ,Ä☐A
-----
@ECHO OFF
MEM > MEM_OUT.TXT
-----
```

```
,ì,æ,κ,É☐☐→,μ,Ä,“,«☐AWinBatchEh,lfofbf` ,©,ç,±,lfofbf` ,đ☐A
```

```
COMMAND.COM /C DOSBAT.BAT
```

```
,ì,æ,κ,ÉCÄ,Ñ☐o,¹,íOK,Á,·☐B
```

```
☐™ DOSfRf}f“fh,af☐l—¹,μ,½Cã,ç,¿,ç,¿fEfBf“fhfE,đ•Â,¶,é,ì,ª-Ê“|,Á,·
```

```
Windows95,Á,ÍDOSfRf}f“fh,af☐l—¹,μ,½Cã☐A☐l—
¹,μ,½☐ó‘Ô,ÁfEfBf“fhfE,đŽè,Á•Â,¶,É,·,è,lfEfBf“fhfE,afŠj,ç,½,Ü,Ü,É,È,é,±,Æ,ª, ,è,
Ü,·☐BŽ© “®“l,ÉfEfBf“fhfE,đ•Â,¶,é,æ,κ,É,·,é,É,í☐AfGfNfXfvf☐☐lf%o
,Á☐AZÀ☐s,·,éDOSfRf}f“fh,lf@fCf<,lfvf☐pfefB,đ•Ž!,μ☐A☐ufvf☐fOf
%of☐vf^fu,ì☐ufvf☐fOf%of€☐l—¹ŽŽ,ÉfEfBf“fhfE,đ•Â,¶,é☐v,Éf`fffbfN,đ“ü,è,Ä,-
¾,³,ç☐B
```

### ☐šWindowsŠÖ~A

```
☐™ ‘·,çftf@fCf<-¼,â<ó” ,đŠÜ,ň,¾ftf@fCf<-¼,đ^μ,ç,½,ç,ì,Á,·,ª
```

```
32frfbfgfo☐[fWf#f“ ,Á,í☐AWindows95<y,ÑNT☐ã,Á,ì‘·,çftf@fCf<-
¼,â<ó” ,đŠÜ,ň,¾ftf@fCf<-¼,É‘í%ž,μ,Ä,ç,Ü,·☐B,È,“☐A<ó” ,đŠÜ,pftf@fCf<-
¼,đ^μ,κ☐ê☐‡,í☐A”” ,Áftf@fCf<-¼,đ^í,κŽ-,đ-Y,è,È,ç,Á,,¾,³,ç☐B
```

```
—á: START "C:\Program Files\WinBatchEh\WINBAT32.EXE" "C:\Batch Files\
```

foo.btw"

SENDKEY,Ā•Źš—ñ,đ'—,Á,Ä,č,é,ì,Ā,·,ªA, ,é•Źš,¾,¯,ª,ŕ,Û,,č,«,Û,¹,ñ

SENDKEY,ÍfAfvšfP[fvf#f",É,æ,Á,Ä,ÍA'S,•Źš,ª'—,ê,È,©,Á,½,èA, ,é•Źš,¾,¯,  
(—á,ì,ÍfsfŠfIh,âfCfR[f<,ì<L[†,¾,¯),ª'—,ê,È,čŽ-,ª, ,è,Û,·B  
SENDKEY,ª,ŕ,Û,·s,©,É,čê#Í,ÍfNfŠfbvf{[fh~ACEg,đŽg—p,·,ê,î,ŕ,Û,·s,-  
ê#ª,ªA'½,č,ÆŽv,č,Û,·,µA•Źš—ñ,đ'—,éê#Í,ì,±,ì•û-@,ì•û,ªŠy,Ā,·B

fNfŠfbvf{[fh~ACEg,Æ,č,ŕ,Æ"i,µ,»,ŕ  
,Ā,·,ªA,â,è•û,ÍŠÈ'P,ĀASETCLIPBOARD,Ā'—,è,½,č•Źš—  
ñ,đfNfŠfbvf{[fh,ÉfRfs[µ,Ā,·,«ASENDKEY,Ā Control-V ,ìL[.đ'—  
,é,¾,¯,Ā,·B  
—á:

```
SETCLIPBOARD C:\WINDOWS\README.TXT
SENDKEY "ftf@fCf<,đŠJ," ^'V'
```

f}fCfRf"fsf...[f^ ,âfvšf" f^ ,ìftfHf<f\_ ,đŠJ,«,½,č,ì,Ā,·,ª

Windows95,ì"ÁŽêftfHf<f\_ ,đfì[fvf",·,é,É,ÍAEXPLORER.EXE,ì<N"®,ĀACL SID,đŽ  
w'è,·,é•K—v,ª, ,è,Û,·B

Žâ,È"ÁŽêftfHf<f\_ ,ìŠJ,«,©,½(CE©,É,,č,Æ,«,ÍfEfBf"fhfE,ì•,đL,°,ÄCE©,Ā,-  
,¾,¾,čBEXPLORER,ìfpf%of[f^ ,ì"r't,ĀfXfy[X,đ"ü,ê,½,è  
%oü[s,¹,,ÉŽw'è,µ,Ā,,¾,¾,č):

```
f}fCfRf"fsf...[f^ " EXPLORER.EXE ::{20D04FE0-3AEA-1069-A2D8-
08002B30309D}
,²,Ý" " EXPLORER.EXE ::{645FF040-5081-101B-9F08-00AA002F954E}
f_fCf,,f<fAfbvfìfbfgf[fN " EXPLORER.EXE ::{20D04FE0-3AEA-1069-A2D8-
08002B30309D}\::{992CFFA0-F557-101A-88EC-00DD010CCC48}
fvšf" f^ " EXPLORER.EXE ::{20D04FE0-3AEA-1069-A2D8-08002B30309D}\::
{2227A280-3AEA-1069-A2DE-08002B30309D}
fìfbfgf[fNfRf"fsf...[f^ " EXPLORER.EXE ::{20D04FE0-3AEA-1069-A2D8-
08002B30309D}\::{208D2C60-3AEA-1069-A2D7-08002B30309D}
fRf"fgf[f<fpfìf<(CONTROL.EXE,đ<N"®,·,é•û,ªŠÈ'P,Ā,·-) " EXPLORER.EXE ::
{20D04FE0-3AEA-1069-A2D8-08002B30309D}\::{21EC2020-3AEA-1069-
A2DD-08002B30309D}
fufŠ[fP[fX(•'É,ÉŠJ,,¾,¯,Ā,·) " EXPLORER.EXE C:\WINDOWS\Āp½,Ā`ìB\
ìpø°ì¹½
```

fRf"fgf[f<fpfìf<"à,ìfAfcfRf" ,đŠÈ'P,É<N"®,µ,½,č,ì,Ā,·,ª

fRf"fgf[f<fpfìf<,É, ,éfAfcfRf" ,ÍŠg'ÉŽq,ªCPL,ìftf@fCf<,È,ì,Ā,·,ªA,±,ìftf@fCf<,ì,±  
,ì,Û,Û,Ā,ÍŽA[s,Ā,«Û,¹,ñBCPL,ìftf@fCf<,ì<N"®,đ[s,É,ŕ,É,ÍŽÿ,ì—ì,É,µ,Û,·B



tantan,<sup>3</sup>,ñ,Ìservice.exe,đŽg,!,Î□A,Æ,É,©,-  
ŠÈ'P,Å,·□Badadministrator,È•ù,É,Í',¨Š©,ß,Å,·□B□Ú,μ,-  
,ÌWinBatchEh,đfjpf□□[fAfbfv,ÌWINNT service for WINBAT32,ì□€-Ú,đ,²ŽQ□Æ,-  
,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ç□B

□š,»,ì¼

□™ fwf<fv,đ^óü,μ,½,ç,ì,Å,·,ª-Ê“|,Å,·

fwf<fv,đ<N“® ,μ,ÄŽ©“®“l,Éf□fjf...□[,Æf{f^f“,đ%öÿ,·fofbf` ,đ'g,ß,Î□c□c□A,Æ,ç,π  
,ì,ì□ç'k,Å,·,ª□AfRf}f“fhfŠftf@fCf“fX,ìfwf<fv,ìf□[fX(RTFftf@fCf<)  
,đ“dŽqf□□[f<(NIFTY-Serve,ìfofCfifŠf□□[f<,Ü,½,ÌInternet  
Mail,ÌBASE64(MIME)CÈ`Ž®),Å,¨'—,è,μ,Ü,·,ì,Å□A,²~A—□,-  
,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ç□Bfrfbfgf}fbfv,ª”²,¨,Ä,Ü,·,ì,Å'½□,ìŽè'¼,μ,ª•K—  
v,©,à,μ,ê,Ü,<sup>1</sup>,ñ,ª□AMicrosoft  
Word,É,Ç,Å“Ç,Ý□ž,ñ,Å□A^ê<“,É,<sup>3</sup>/<sub>4</sub>□[,Á,Æ^óü,Å,«,Ü,·(ŽŽC±“l,ÉNIFTY-Serve  
FEXT,ÌLIB-3,É,àupload,μ,Ä,ç,Ü,·,ì,Å□ANIFTY-Serve,đ,²—~—p,ì•ù,Í,±,¿,ç,à,²—~—  
p,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ç)□B

□™ WINBATCH.INI,É□Ý'è,·,é— <Z,ª, ,é,ì,Å,·,©?

,Á,Ä□€-Ú,ª, ,éŽ-,©,ç,μ,Ä□A,¿,â,Á,Æ,μ,½— <Z,ª, ,è,Ü,·,ì,Å,²□D%öî,μ,Ü,·:-)  
,É,¨□A,p,â,Ý,É•ì□X,·,é,Æ“®□ì,ª,¨,©,μ,,É,é,©,à,μ,ê,Ü,<sup>1</sup>,ñ,ì,Å□A“Á,É•s-ž,ª,É,ç  
,ì,Å,μ,½,ç-³—□,É□Ý'è,μ,É,ç•ù,ª-³“i,Å,·^ ^;  
,·,×,Å□A[Setup]fZfNfVf#f“,Å,·□Bžn,ß,ìfGf“fgfŠ□[,ª“¶□Ý,μ,Ü,<sup>1</sup>,ñ,ì,Å□AfGfffBf^□[,È  
,Ç,ÅfGf“fgfŠ□[,đ'Ç%öÁ,μ,Ä,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ç□Bfo□[fWf#f“,É,æ,Á,Ä,ìftf□[fg,<sup>3</sup>,ê,Ä,ç,É,ç  
,à,ì,à, ,è,Ü,·□B

EscAsExit=1

WinBatchEh,ìf□fCf“fEfBf“fhfE,Å[ESC]fL□[,đ%öÿ,·,Æ□AWinBatchEh,đ□l—  
<sup>1</sup>,μ,Ü,·□B□%Šú'l,í 0 ,Å[ESC]fL□[,í-³CÈø,Å,·

ToolBar=0

32frfbfgfo□[fWf#f“,Åfc□[f<fo□[,đ•\Ž!,μ,Ü,<sup>1</sup>,ñ□B□%Šú'l,í 1 ,Åfc□[f<fo□[,đ•\  
Ž!,μ,Ü,·□B

MaxHistory=4

□uftf@fCf<□vf□fjf...□[,ì□Å<ßfì□[fvf“,μ,½ftf@fCf<fŠfXfg,ì•\  
Ž!□“,đ□Ý'è,μ,Ü,·□B□“l,É,Í 0□'9 ,đ□Ý'è,Å,«,Ü,·□B0  
,đ□Ý'è,·,é,Æ□Aftf@fCf<fŠfXfg,đ•\Ž!,μ,Ü,<sup>1</sup>,ñ□B□%Šú'l,í 4 ,Å,·□B

WinBatch.ini=MYWINBAT.INI

WINBATCH.INI,đWinBatchEh,ìŽÀ□sftf@fCf<,Æ,í•Ê,ìfffBfCfNfgfŠ,É□ì□¬,μ,Ü,·□Bfì  
fbfgf□□[fNfT□[fo□[,ÉWinBatchEh,ìŽÀ□sftf@fCf<,đ'u,«□AWinBatchEh,ì“®□ìŠÁ««,Í

fNf%ofCfAf“fg-^,É•ïX,μ,½,çê±,È,Ç,É—~—p,μ,Ä,,¾,¾,çB  
"C^Ó,ìINI,ìftf@fCf<-¼,ðftf<fpfX,Ü,½,ìftf@fCf<-¼,ì,Ý,ÅŽw'è,μ,Ü,·Bftf@fCf<-  
¼,ì,Ý,ðŽw'è,·,é,ÆAWINDOWS,ìfffBfÇfNfgfŠ,É,È,è,Ü,·B,±  
,ìGf“fgfŠ[,á‘¶Ý,·,é,ÆAWinBatchEh,ìŽÀ[sftf@fCf<,Æ“~,¶fffBfÇfNfgfŠ“à,ìWIN  
BATCH.INI,ì,±,ê^ÈŠO,ìGf“fgfŠ[,í,·,x,Ä-³Ž<,¾,é,Ü,·B





%o<sup>1</sup>.lfefXfg

SystemStart Windows, i<N"®



%o<sup>1</sup>.lfefXfg

SystemExit Windows,ì|I—<sup>1</sup>



%o<sup>1</sup>.lfefXfg

SystemHand fVfXfef€ fGf%o[]



%o<sup>1</sup>.lfefXfg

SystemExclamation f[]fbfZ[]fW(Ex[])



%o<sup>1</sup>.lfefXfg

SystemAsterisk f[]fbfZ[]fW(□î•ñ)



%oo<sup>1</sup>.lfefXfg

SystemQuestion f[]fbfZ[]fW(-â,ç[]#,í,<sup>1</sup>)



%o<sup>1</sup>.lfefXfg  
SystemDefault ^ê"Ê,ìÆx□□%o<sup>1</sup>





## WinBatchEh,đfpf[fAfbfv

WinBatchEh,đfpf[fAfbfv,·,éftfg,â•ú-@,đ,²Đ%ôî,µ,Û,·B

Winbatch Enhancer Tool 32bit for Access 95(BTWTool)  
,íAK.Abe(GEAR)Ž,·~ìCE ,đ•Ú—L,·,éftš[f\ftfgEfFfA,Á,·B  
ComWin<y,ÑComWin Input Box for WinBatchEh(cwwb)  
,íA'OŽ>³•FŽ,·~ìCE ,đ•Ú—L,·,éfvfAfeFfA,Á,·B  
WINNT service for WINBAT32,ítantanŽ,·~ìCE ,đ•Ú—L,·,éftš[f\ftfgEfFfA,Á,·B  
,º,Æ,İŠg'£ŽqŽÀs,íA,º,ÆŽ,·~ìCE ,đ•Ú—L,·,éftš[f\ftfgEfFfA,Á,·B  
Microsoft Windows95<y,ÑMicrosoft Windows NTAMicrosoft Access for  
Windows 95,íAMicrosoft Corporation,·~ìCE ,đ•Ú—L,·,éžs"İ\ftfgEfFfA,Á,·B

## ™ Winbatch Enhancer Tool 32bit for Access 95 (BTWTool)

Winbatch Enhancer Tool 32bit for Access 95(BTWTool),íAK.Abe(GEAR),³,ñ(PC-VAN:TZF99986),ºì,ç,ê,½AWinBatchEh,ì,½,ß,ì"Š"ŠÁ««,Á,·B  
WinBatchEh'P'ì,Á,İŠ"—p,İŠÁ««,·S,—p^Ó,³,ê,Ä,·,ç,·Afofbf` ,İŞÇ—  
·,âfGfffBf^ ,Á,ì•ÖW,àžè"® ,Ás,È,í,È,·,ê,İ,È,è,Û,¹,ñ,ºABTWTool,É,æ,èŠ"—  
Žž,ì,» ,x,µ,½•%oo'S,đ-³,·,Ž-,º,Á,««,Û,·B  
,È,·A,±,İfvfXfef€ ,đ"®ì,³,¹,é,É,íAMicrosoft Access for Windows 95 ,º•K—  
v,Á,·B  
Žâ,È"o~^æ:PC-VAN:SLABO OSL-6, NIFTY-Serve:FWINAL LIB-5/FGALTS LIB-4

## ™ ComWin Input Box for WinBatchEh (cwwb)

ComWin Input Box for WinBatchEh(cwwb),íA'OŽ>³•F,³,ñ(NIFTY-Serve:SGQ00310)  
,ºì,ç,ê,½AComWin,İfRf}f"fh,đWinBatchEhä,Á"®ì,³,¹,é,fWf...[f<,Á,·B  
ComWin,İfRf"f[f<ŠÁ««,đ,±,ìä,à,È,Šg'£,·,éftfg,Á,·,ºA,±,İf,fWf...[f<,đžg—  
p,·,éž-,É,æ,èAComWin,İfRf}f"fh<y,ÑComWin—p,Éì—,³,ê,½-  
L•x,ÈfRf}f"fh,đAWinBatchEhä,ÁŽÀs,Á,««,é,æ,x,É,È,è,Û,·B  
Žâ,È"o~^æ:NIFTY-Serve:FWINAL LIB-5/FGALTS LIB-4

## ™ WINNT service for WINBAT32

WINNT service for WINBAT32,íAtantan,³,ñ(NIFTY-Serve:SGL00213)  
,ºì,ç,ê,½WinBatchEh,İfofbf` ,đNT,İfT[f\rfX,Áž©"®<N"®,·,é,½,ß,ìY'èfvf[fOf  
%of€,Á,·B  
Windows  
NT,ÁfT[f\rfX,Éfofbf` ,đ'g,Ýž,ñ,ÁAf}fVf" ,đ<N"®,·,é,¾,·,Áf[fOfCf" ,µ,È,-  
,Ä,àWinBatchEh,É,æ,éž©"®^—,È,Ç,đs,È,x,±,Æ,ºA,ç  
,Æ,àŠÈ'P,ÉžÀ«»,Á,««,Û,·B

Žã,È“o~^□æ:NIFTY-Serve:FEXT LIB-3

□™ LHA command for WinBatchEh and UNLHA.DLL (WBLHA)

LHA command for WinBatchEh and UNLHA.DLL(WBLHA),Í□AWinBatchEh ,Å  
UNLHA.DLL(UNLHA32.DLL) ,ðfTf]□[fg,·,éŠO•”fRf}f“fhft□[fefBfŠfefB□[,Å,·□B  
WinBatchEh □ã,ìfofbf` ,Å,±,ìfRf}f“fh,ðCEÄ,Ñ□o,·,±  
,Æ,É,æ,è□Afofbf` “à,ÅLHAftf@fCf<,ì□—□,ðŠÉ’P,É□s,È,æ,±,Æ,ª,Å,«,Ü,·□B  
Žã,È“o~^□æ:NIFTY-Serve:FWINAL LIB-5/FGALTS LIB-4

□™ ExitWindows for WinBatchEh32 (WBEXIT16)

ExitWindows for WinBatchEh32(WBEXIT16)  
,Í□AWinBatchEh,ì32frfbfgfo□[fWf†f“,Å16frfbfgfo□[fWf†f“,Æ“~“™,ìEXITWINDOW  
SfRf}f“fh,È,Ç,ðŽÀCE»,·,éfRf}f“fh,Å,·□B32frfbfgfo□[fWf†f“,ÅRESTARTWINDOWS,  
âEXITWINDOWSEXECfRf}f“fh,ðŽÀ□s,μ,½,¢□ê□‡,ÉŽg—p,μ,Å,,¾,¾,¢□B  
Žã,È“o~^□æ:NIFTY-Serve:FWINAL LIB-5/FGALTS LIB-4

□™ Batch File Compiler for WinBatchEh (WBATCP)

Batch File Compiler for WinBatchEh(WBATCP),Í□AWinBatchEh —  
p,Éfofbf`ftf@fCf<,ìfRf“fpfCf<<y,ÑfŠfRf“fpfCf<,ð□s,È,æft□[fefBfŠfefB,Å,·□B  
fRf“fpfCf<,ð□s,È,Å,Å,à•É,É’¬“x,ª¬,·,È,é,í,¬,Å,à, ,è,Ü,¹,ñ,μ□AftfCfY,ª’ã,«,-  
,È,é,¾,¬,Åf□fŠfbfg,ª,È,(ŠÖ~A•t,¬,ª,Å,«,é,Æ,¢,æ’ö“x,ìf□fŠfbfg,í, ,è,Ü,·,ª)□A,½,¾,ì  
CE©%ohfc□[f<,Å,·,ª□Afofbf`ftf@fCf<,É,æ,éfvf□fOf%of~f“fO,ì<C•ª,ð,æ,è□[,·,í,¢  
,½,¢□ê□‡,É,ì□A^Ó-;ª, ,é,©,à’m,è,Ü,¹,ñ□B  
Žã,È“o~^□æ:NIFTY-Serve:FWINAL LIB-5/FGALTS LIB-4

□™ ,º,Æ,ìŠg’£ŽqŽÀ□s (ZEXT)

WinBatchEh —p,ìft□[fefBfŠfefB,Å,í, ,è,Ü,¹,ñ,ª□A,»,ì“¹,Å,í,¿,ã,Å,Æ—L-  
¼,È, ,ì,º,Æ,³,ñ(NIFTY-Serve:SGL00536)  
,ª□ì,ç,è,½WinBatchEh,Å“®□ì,·,éfofbf` ,É,æ,éfAfvfŠfP□[fVf†f“,Å,·□B  
“¬,¶Šg’£Žq,ìŠÖ~A•t,¬,ð□Å’ã8Ží—p,Ü,ÅŠg’£□A<N“®ŽŽ,É”C^Ó,ìWAV,ð-  
Å,ç,·□A•ÇŽt,ì•ì□X,È,Ç-L•x,È<@”\,ª—p^Ó,³,è,Ä,¢,Ü,·□B  
Žã,È“o~^□æ:NIFTY-Serve:FWINAL LIB-15/FGALTS LIB-4

**WinBatchEh,ì'~ìCE □E“]□Ú□đCE□,É,Â,ç,Ä**

**WinBatchEh,ì'~ìCE ,É,Â,ç,Ä**

WinBatchEh,ífVfFfAfEfFfA,Å,·□B'~ìCE ,Í•úŠü,μ,Ä,“,è,Ü,<sup>1</sup>,ñ,ì,Å□A%ü'ç  
,È,Ç,Í□s,È,æ,±,Æ,â,Ä,«,Ü,<sup>1</sup>,ñ,μ□AWinBatchEh,đ-<sup>3</sup>f,Ä"ì" „,đ□s,È,æ,æ,æ,È,±  
,Æ,à,Ä,«,Ü,<sup>1</sup>,ñ□B

**WinBatchEh,ì“]□Ú,É,Â,ç,Ä**

"z•z/" ]□Ú,É,Â,ç,Ä,Í□§CEÀ,đ□Y,¯,Ü,<sup>1</sup>,ñ,μ<-%oÂ,à•K—v, ,è,Ü,<sup>1</sup>,ñ,ì,ÅŽ©—  
R,É□s,È,Ä,Ä,ç,½,¾,¯,ê,Í,ÆŽv,ç,Ü,·□B□ìŽÒ,Ö,ì~A—□,È,Ç,à•K—v, ,è,Ü,<sup>1</sup>,ñ□B  
ŽGŽ□,â□'□Đ,Ä,<sup>2</sup>□Đ%oî,<sup>3</sup>,è,é□é□‡,â□A“Y•t,·,é□é□‡,Í,»|,đ□æ,É,<sup>2</sup>~A—□,-  
,¾,<sup>3</sup>,ç□B,Ü,½□A,Ä,«,ê,ÍCEf□ÚŽ□,đ,“—,è,ç,½,¾,¯,é,Æ, ,è,<sup>a</sup>,½,ç,Ä,·□B

**□ìŽÒ,Ö,ì~A—□□æ**

,à,μ□A,“<C•t,«,ì“\_â—v-]“™ ,â, ,è,Ü,μ,½,ç%o<L,Ü,Ä,<sup>2</sup>~A—□Šè,ç  
,Ü,·□B,à,ç,è,ñ□ANIFTY-Serve ,ì%oï<cŽ<sup>o</sup>(FEXT MES 3/FGALTS MES 12)  
,É□',«□ž,ñ,Ä',ç,Ä,àCE<□\,Ä,·□B  
,<sup>2</sup>Žç-â,È,Ç,đ',□é□‡,Í<@ŽÍ,ÆOS□A,»ê,ÉWinBatchEh,ìfo□[fWf‡f“ ,đ-  
<sup>¾</sup><L,μ,Ä',¯,Ü,·,Æ□•,©,è,Ü,·□B  
fofo,ì'í□^,È,Ç,Í%oÂ“\,ÈCEÀ,è□s,È,ç,Ü,·,â□A-{f|ftfgfEfFfA,đŽg—  
p,μ,½^×,É□¶,¶,½,ç,©,È,éCE<%oÉ,É,Ä,ç,Ä,à□A□ìŽÒ,Í□Ó-±,đ•%o,í,È,ç,±  
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□'□... -m•½(Paci)                      NIFTY-Serve                      SDI00618  
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Mail SDI00618@niftyserve.or.jp

## fvfFfAfeFfFA,É,Â,ç,Ä

™ WinBatchEh,ÍfvfFfAfeFfFA,Ä,·

WinBatchEh ,ÍfvfFfAfeFfFA,Ä,·B'—<à,·,é%  
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- 20□` 39f%ofCfZf“fX @400%oo~
- 40□` 79f%ofCfZf“fX @350%oo~
- 80□` 159f%ofCfZf“fX @300%oo~

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NIFTY-Serve:SDI00618, Internet-Mail:SDI00618@niftyserve.or.jp

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## WinBatchEh API fŠftf@fŒf“fX

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