

@ @  @NIFP(NIFTYÛ, p ê—pŠÈ'Píß°¼p→) for Windows & Win32 Ver 1.62

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## ŠT—v

### NIFP/Win ,iŠT—v

□@NIFP(NIFTY-Serve'É□Mf□fOŠÈ'Pfy□[fWff) for Windows (^È%°□CNIFP/Win ,Æ—<sup>a</sup>,μ,Ü,·□B,É,Ó,Ò□[α,j,ñ,Æ“Ç,ñ,À,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ϕ),Í□CNIFTY-Serve ,l'É□Mf□fO('É□M,μ,½Žž,Ì%œ—É“à—e,ðfefLfxfgœ`Ž®,Áftf@fCf<,É•Û‘¶,μ,½,à,ì),ð”œ<sup>3</sup>/<sub>4</sub>,È,Ç,ðf^fCf<g<,Æ,μ,Ä^ê—•Ž!,μ,Äœ©,â,,μ,Ä%œ{—,·,é,½,ß,Ìfy□[fWff\ftfg,Á,·□B

□@—{fWF<fv,Í□CNIFP for Windows,ÆNIFP for Win32,Ì—¼•û,ÌfWF<fv,ðœ“É,Ä,ϕ,Ü,·□BNIFP for Windows□iWindows 3.1□ê—p□j,ÍNIFPWIN.EXE,<sup>a</sup>□CNIFP for Win32□iWindows NT & Windows 95□ê—p,ÄWindows 32S,Ä,Ì“®□ì,Í•Û□Ø,μ,Ü,¹,ñ□j,ÍNIFP32.EXE,<sup>a</sup>fvf□fOf%œf€É,É,è,Ü,·□B,±,ÌfWF<fv,Á,Í□CNIFPWIN,ð'†□S,É□à—<sup>3</sup>/<sub>4</sub>,μ,Ä,ϕ,Ü,·,<sup>a</sup>□CNIFP32,ð,Žg,ϕ,Ì□ê□‡,ÍNIFPWIN,ðNIFP32,É'u,«Š,·,Ì,Ä“Ç,ñ,À,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ϕ□B

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□@NIFP/Win ,<sup>a</sup>—Ú“l,Æ,·,é,à,Ì,Í□C'½—É,È□¶f□fOff□[f^('É□M,μ,½Žž,Ì,»),Ì,Ü,Ü,Ìff□[f^),ðŠÈ'P,É,©,Ä□,¬,Éœ©,é,±,Æ,Ä,·□B,Ü,½□ANIFP/Win ,Áf□fO□®—

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- (4) ftfH□[f%of€-¼,â%oï<cŽ°- ¼□Cfz□[f€fp□[fefB,l,h,c,Æf□[fvfjf"fof□fbfz□[fW,δf^fCfƒf<,Æ,μ,Ä•l Žl,μ,Ü,·□B,±,è,É,æ,è□CŠe"CE¾,ª,Ç,±,ì%oï<cŽ°,©,ª,·,©,É,í,©,è,Ü,·□B"à—e•Žl,Á,Í□C %oü□sf]□[fN,δ•Žl,μ,½,è□CNIFTY-Serve'α,Á"ü,è,é□§CEä□s,È,Ç(more>,Æ,©) ,δfJfbfg,·,é,±,Æ,à,Á,«,,Ü,·□B
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- (6) h,c,δSÜ,ƒf^fCfƒf<,l'□C"¶,h,c,δŽ□,Áf^fCfƒf<,l,Ý,δ□W,β,Ä•Žl,Á,«,,Ü,·□B
- (7) Žw'è,μ,½•¶Žš—ñ,l'CEY□ð(%op'á□¬•¶Žš□C,©,ÉfJf^fJfi□C'SŠp"¼Šp,l'æ•É,·,é,μ,É,φ) ,É,æ,é,f^fCfƒf<□i,è□ž,Ý,ª,Á,«,,Ü,·□BAND,ÆOR,l'ðCE□CEY□ð,à%oÁ"l ,Á,·□B,Ü,½□CEY□ð,ÉŽg,í,è,½•¶Žš—ñ,l'kL%o¯,μ,Ü,·,l,Á□C%o½%oñ,Á,àSÈ'P,É—~ p,Á,«,,Ü,·□B
- (8) 'l'δ,μ,½f^fCfƒf<,l'à—e,δ'¼,l'ftf@fCf<,É•jŽÉ□o—l,μ,½,è□C□í□œ,Á,«,,Ü,·□B,±,k@"l ,δ~—p,μ,ÁŠÉ'Öf□fO□@—□,ª□s,l,Ü,·□Bf^fCfƒf<^è—,l'fefLfXfgftf@fCf<□o —l,à□s,l,Ü,·□B
- (9) %oï<cŽ°,â"dŽqf□□[f<,l'à—e,δftf@fCf<,É□o—l,μ,ÄfGffBf^,ðCEÄ,N□o,·,±,Æ,É,æ,è □C,·,l,â,"CE¾,ð□ì□¬,Á,«,,Ü,·□B□æ"ª,Æ□ÁCEä,É□§CEä□s('è-¼,â"¶□æ□C/POST,È,Ç ) ,àŽ©"®"l,É"ü,è,é,±,Æ,à,Á,«,,Ü,·□B
- (10) f^fCfƒf<,Éf^fO□Y'è(,»),l'f^fCfƒf<^É'u,δ<L%o¯,·,é) ,μ,Á,·,«□CSÈ'P,É,»),l'f^fO,l'f^fCfƒf<,É"Ú"®,Á,«,,Ü,·□B
- (11) "à—e%oæ-É,δfL□[€□ì-³,μ,É~A±"l,ÉŽ©"®•Žl,Á,«,,Ü,·□B
- (12) "à—e•Žl,μ,½Sù"Ç(^è"x,l'à—e%oæ-É,ÁCE©,½,Æ,φ,αÓ-j□C<t,ÉCE©,Á,φ ,É,φf^fCfƒf<,l-φ"Ç,ÆCE¾,α)f^fCfƒf<^É'u,δftf@fCf<,É□o—l,·,é,±,Æ,Á<L %o¯,μ□CŽY,l'N"®Žž,É,»),l'f^fCfƒf<^É'u,©,çf^fCfƒf<•l Žl,Á,«,,Ü,·□B,»),l'Žž,l'□C'É□Mf□fO,Í□, '¬,É"Ç,Y□ž,Ü,è,Ü,·□B
- (13) Žw'è,μ,½"à—e,δ'ó□ü,Á,«,,Ü,·□B
- (14) "o^,μ,½fvf□fOfof€,ðNIFP/Win ,©,ç<N"®,Á,«,,Ü,·□BŽw'è,μ,½"à— e,δftf@fCf<,É□o—l,μ,Ä"n,¹,Ü,·□B
- (15) Žw'è,μ,½CEY□ð•¶Žš,Áf^fCfƒf<y,N"à—

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ex) NIFPWIN -s NIF0430.LOG

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ex) NIFPWIN -n NIF0430.LOG

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ex) NIFPWIN -x NIF0430.LOG NIF0501.LOG NIF0502.LOG

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□ @ ex) NIFPWIN -z NIF0408.LOG NIF0409.LOG

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ex) NIFPWIN -d C:\LOG NIF0430.LOG



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ž!„μ,Ä,ç,é“à—e,ł f□fOftf@fCf<,ł s^Ê'u,đ□uxxxxxx²Y—Ú□v,Æ•ž!„μ,Û.□B

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“Ç,Ý☐ž,ñ,Á,ç,é☐Á†,ÉESCfL☐[,ð%ÿ,;,Æ☐C“Ç,Ý☐ž,Ý,ð†Ž~,Á,«Ü,☐B

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Ú,ðf}fEfXfNfŠfbfN,©“ó”fL☐[‰ÿ%°,ÁŽw’è,µ☐CŠùŽw’è☐ifŠfo☐[fX•\  
Ž!ó“Ô☐j,È,ç,lŽw’èžæ☐Á,µ,Æ,È,è,Ü,☐Bf\_fufçfNfŠfbfN,;,é,Æ,»,lftf@fCfç,l‘l’ð,Æ,Ý,È  
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☐E☐‘,«Š,|,kÖŽ~  
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,Æ,ª,Á,«Ü,☐B☐í☐œç@”\™,Á☐í☐œ,³,ê,é,±,Æ,à,È,,È,è,Ü,;,l,Á☐C☐d—  
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,Æ,<sup>a</sup>,Å,«,Ü,·□Bftf@fCf<f\□[fgf,□[fh,Å□C“ú•t□‡□C“ú•t□‡□C-¼'O□‡□C-  
¼'O<t□‡□Cf\□[fg,È,μ,<sup>a</sup>i'đ,Å,«,Ü,·□BfRf,f“f\_fCfAf□fOf^fCfv,Å,ÍŽg—p□o—  
^,Ü,1,ñ,<sup>a</sup>□CWindows 95□ă,Å,ÍfGfNfXfvf□□[f%□□[ÉŽ—,½'€□i,<sup>a</sup>□o—^,Ü,·□B

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□f,□[fh,Å,·,é,đ'i'đ,μ,Ü,·□Bftf@fCf<—^,É•<sup>a</sup>f,<sup>3</sup>ê,½~b'è“™,đ,Ü,Æ,ß,Äœ©,é□ê□‡,É□C•Ö—  
~,Å,·□B^êŠ‡□^—□,·,éŽž,Í□C—ϕ“Ç<L%□□f,□[fh,à—Lœø,Å,·□B

▣ @ ^ ê Š † Ⓜ —

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^ , É f □ f O " à — e , ð f t f @ f C f < , Ö • a Š , □ o — l , μ , Ü , · □ B □ o — l □ æ f t f @ f C f < , l ž w ' è , l □ C N I F P / W i n  
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▣ @ ^ ê " x f □ f O □ Ⓜ — □ , Ā □ o — ^ , ½ f □ f O f t f @ f C f < , l □ C □ X , É f □ f O □ Ⓜ — □ , μ , È , ç , æ , π , É , μ , Ā , -  
, ¾ , ³ , ç □ B ' a • a — b , l f □ f O □ Ⓜ — □ C E ā , l □ U □ x • a — b , l Š T , È ' a □ ā • v , Ā , · , a □ C ^ ê " É , É f □ f O □ Ⓜ —  
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, é ž ž , l □ C , » , l f X f N f Š f v f g f t f @ f C f < , Ā ž w ' è , ³ , ê , ½ Š Ā « † f t f @ f C f < , l □ u , S □ D f □ f O □ Ⓜ —  
□ □ o — l f t f @ f C f < , l ž w ' è □ v , É □ ] , ç , Ü , · □ B

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¼ ž w ' è f t f B □ [ f < f h , Ā , l □ C f □ f C f < f h f J □ [ f h □ i N I F \* . L O G , È , Ç □ j , a ž w ' è , Ā , « □ C • j □ " , l f □ f C f < f  
h f J □ [ f h , ð ž w ' è , ; , é ž ž , É , l □ C □ u ; □ v , Ā , æ □ Ø , Ā , Ā , -  
, ¾ , ³ , ç □ B f h f □ f b f v f \_ f E f " f { f ^ f " , ð f N f Š f b f N , ; , é , Æ □ C ^ È ' O , É N I F P / W i n  
, Ā " Ç , Ý □ ž , ñ , ¾ f □ f O f t f @ f C f < , l ^ ê — , a , R , O C E Ā , Ü , Ā • Ž | ( f □ f O % o { — , ð □ l — 1 , μ , ½ □ † " Ŏ )  
, ³ , ê □ C ' l ' ð , Ā , « , Ü , · □ B

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Ž | □ ó ' Ŏ □ j , É , ç , l ž w ' è ž æ □ Ā , μ , Æ , È , è , Ü , · □ B f \_ f u f < f N f Š f b f N , ; , é , Æ , » , l f t f @ f C f < , l ' l ' ð , Æ , Ý , È  
, μ , Ü , · □ B f t f @ f C f < - ¼ ž w ' è f t f B □ [ f < f h , É , · , ç , Ā □ C □ æ " a C E ... , a □ u □ v ( < ó " )

, l Ü ² Ü Ā b ° Ā b , © □ C □ u , □ v , Ā • j □ " f t f @ f C f < -

¼ , ð , æ □ Ø , Ā , Ā ž w ' è , μ , Ā , à • j □ " f t f @ f C f < ž w ' è , Æ , È , è , Ü , · □ B f □ f " f O f t f @ f C f < f l □ [ f €

, l f t f @ f C f < , ð ž w ' è , · , é □ ê □ † , É , l □ C □ u □ v , Ā Š † , Ā , Ā , , ¾ , ³ , ç □ B

▣ @ S H I F T f L □ [ , ð % Ÿ , μ , È , a , ç f } f E f X f N f Š f b f N , ð □ s , π , Æ □ C ' ¼ ' O , l f J □ [ f \

f < É ' u , © , ç f N f Š f b f N , μ , ½ ^ É ' u , Ü , Ā , ð • j □ " l ' ð , Æ , μ , Ü , · □ B , » , l " l ' í ^ È Š O , l ' l ' ð , l ž æ , è □ Ā , ³ , ê , Ü , · □ B  
C T R L f L □ [ , ð % Ÿ , μ , È , a , ç f } f E f X f N f Š f b f N , ð □ s , π

, Æ □ C f t f @ f C f < f Š f X f g f { f b f N f X " à , l ' S , Ā , l f t f @ f C f < , l ' l ' ð , Æ , μ , Ü , · □ B S H I F T f L □ [ , ð

% Ÿ , μ , È , a , ç □ a □ « f L □ [ , ð % Ÿ , μ , Ā , à ' l ' ð , a , Ā , « , Ü , · □ B , ± , é , ç , k @ " \

, l f R f , f " f \_ f C f A f □ f O f ^ f C f v , Ā , l ž g — p □ o — ^ , Ü , 1 , ñ □ B

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ê □ † , l □ C ^ ê Š † □ Ⓜ — □ , ð □ " % Ÿ ñ , É • a , ^ , Ā Ž Ā □ s , μ , Ā , , ¾ , ³ , ç □ B

▣ E - { " ú , l , Ý

▣ @ f t f @ f C f < f Š f X f g f { f b f N f X , É • Ž | , · , é □ Ů □ C - { " ú , l " ú • t , l f t f @ f C f < , l , Ý , É □ i , è , ±

, Ý , Ü , · □ B f R f , f " f \_ f C f A f □ f O f ^ f C f v , Ā , l ž g — p □ o — ^ , Ü , 1 , ñ □ B

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,Æ,<sup>a</sup>Á,«,Ü,·□Bftf@fCf<f\□[fgf,□[fh,Á□C“ú•t□‡□C“ú•t□‡□C-¼‘O□‡□C-  
¼‘O□‡□Cf\□[fg,È,μ,<sup>a</sup>l‘đ,Á,«,Ü,·□BfRf,f“f\_fCfAf□fOf^fCfv,Á,ÍŽg—p□o—  
^,Ü,¹,ñ,<sup>a</sup>□CWindows 95□ă,Á,ÍfGfNfXfvf□□[f%□□[ÉŽ—,½‘€□i,<sup>a</sup>□o—^,Ü,·□B

□E□^—□f,□[fh  
□@f□fO□®—□,ì□^—□f,□[fh,Á□C‘â•<sup>a</sup>—p,Æ□Ú□x•<sup>a</sup>—p,<sup>a</sup>l‘đ,Á,«,Ü,·□B‘â•<sup>a</sup>—  
p,Í‘â,Ü,©,È•<sup>a</sup>—p,É□C□Ú□x•<sup>a</sup>—p,Í—Ø—Ú□x,©,È•<sup>a</sup>—p,É,È,é,æ,πffftfHf<fg□Ý‘è,<sup>3</sup>ê,Ä,ç  
,Ü,·,<sup>a</sup>□CŽ©•<sup>a</sup>,É□‡,π,æ,π,É•i□X,·,ê,î□C“ÆŽ©,ì,Qf^fCfv,ì•<sup>a</sup>—p,<sup>a</sup>□o—^,Ü,·□B

□@□T,âÆŽ‘P^Ê,É^êŠ‡□®—□,đ□s,î,î□C•K—v,Èf□fOff□[f^,¾,¯,đ□®—  
□,Á,«□¶f□fO,đ□í□œ,Á,«,Ü,·□BŽg,ç,í,¶,ß,ĂŽb,,í□¶f□fO,í•Û¶,μ,Ä,¨,«□C□<sup>3</sup>,μ,f□fO□®  
—□,<sup>3</sup>ê,Ä,ç,éŽ—,đŠm”F,μ,Ä,©,ç□í□œ,·,é,æ,π,É,μ,Ü,μ,â,π□B

## “Ç,Ý’¼,µ

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□@fvfŠf“f^,Éî,;éóü,ìÝè,ðs,ç,Ü,·□B·i□”,ìfvfŠf“f^,ª□Ú±,ª,ê,Ä,ç,Ä,à□Ø‘Ö,¡,ª,À,«,Ü,·□BfvfŠf“f^fhf%oƒCfo,ª—p^Ó,µ,Ä,ç,éfvfŠf“f^,ìÝè,àœÄ,Ñ□o,¹,Ü,·□B

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,ÉfTfCfY,©,çf}□[fWf“·□,ð^ø,ç,½fTfCfY,É□†,í,¹,Ä·¶Žš,ð”z’u,µ,Ü,·□B□s,ìœ...□”,ð  
%oz,¡,é·¶Žš—ñ,ìŽŸ,ì□s,É□Ü,è·Ö,µ,Ü,·□B·A,ì□s□”,ð  
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é□A·¶Žš,ì□,,³·ª□i,P□s□j,ó,¯,é,ì,R,Ä,ìf^ƒCfv,ªl,x,Ü,·□B”¼□s,ª,“E,ß,Ä,·□B

□Efy□[fW”Ô□†^óü  
□@·A—,É^óü,;éfy□[fW”Ô□†(Page XXX)  
,ð□A·A,ì□æ“ª□s,É^óŽš,;é,©,ðŽw’è,µ,Ü,·□Bfy□[fW”Ô□†,ð^óü,;é,Æ^óŽš□s□”,ª,P□s·ª  
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,ð□A·A,ì□æ“ª□s,É^óŽš,;é,©,ðŽw’è,µ,Ü,·□Bfy□[fW”Ô□†^óü,ªŽw’è,ª,ê,Ä,ç  
,é□ê□†,ì□Cfy□[fW”Ô□†,ì%oj,É^óü,µ,Ü,·□B“ú·t,ð^óü,;é,Æ^óŽš□s□”,ª,P□s·ª□,É,-  
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,ð□A·A,ì□æ“ª□s,É^óŽš,;é,©,ðŽw’è,µ,Ü,·□Bfy□[fW”Ô□†^óü,©“ú·t^óü,ªŽw’è,ª,ê,Ä,ç  
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¼,ð^óü,;é,Æ^óŽš□s□”,ª,P□s·ª□,É,,É,è,Ü,·□B

□E³¼Žš  
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□EftfHf“fg-¼  
□@^óü,;é·¶Žš,ìftfHf“fg-¼,ðŽw’è,µ,Ü,·□BTrueType,ìftfHf“fg,ð’l,Ô,ÆŠi—  
í,É^óü,ª,À,«,Ü,·□B

□Ef|ƒCf“fg  
□@^óü,;é·¶Žš,ì’á,«,³,ðf|ƒCf“fg,ÅŽw’è,µ,Ü,·□B,P,O,©,P,Qf|  
ƒCf“fg,ªœ©,â,·ç’á,«,³,Ä,·□B

□EfvfŠf“f^□Ý’è

□@fvfŠf“f^,ì□Ý’è,ðœÄ,Ñ□o,μ,Ü,·□BfvfŠf“f^,ì‘ð□C^ó□ü,ìœü,«□C—pŽ†,ì‘ð,<sup>a</sup>□o—  
^,Ü,·□B

## f^fCfjg<□o—í

□@f^fCfjg<%æ—Ê,É•Ž!,<sup>3</sup>,ê,Ä,ç,éf^fCfjg<ê—  
fŠfXfg,ð□CŽw'è,<sup>3</sup>,ê,<sup>1</sup>/<sub>2</sub>ftf@fCf<,ÉfefLfxfg□o—í,μ,Ü,·□B!l'ð,<sup>3</sup>,ê,<sup>1</sup>/<sub>2</sub>f^fCfjg<,a, ,é□ê□  
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,Ü,·□BŽæ□Á,μ,ìŠm”Ff□fbfZ□[fW,<sup>a</sup>Å,Ü,·□B

## Šů“Ç”½“]

□@œ»□ÝŠů“Ç□ó‘Ô,É,È,Á,Ä,ç  
,é^fCfçfç<đŠů“ÇŽæ□Á,μ,μ,Ä□C,»é^ÈŠO,ìf^fCfçfç<đŠů“Ç□ó‘Ô,Æ,μ,Ü,·□B

f fO R ( ' a b )

@ f fO ftf @ fCf < , d ' a a b f fO R , m , A C f ^ fCf g f < . a b f R [ f h , E , a e , A , A C S A < « f t f @ f C f < , i u , S D f f O R o i f t f @ f C f < , i z w ' e v , i ' a a b , A z w ' e , e , 1 / 2 f t f @ f C f < , O C f ^ f C f g f < ' a e , d o i , m , U , B f ^ f C f g f < , a i ' d z w ' e , e , A , c , e e t , i C i ' d f ^ f C f g f < , i , Y , a i U , A E , E , e , U , B

@ S A < « f t f @ f C f < , A f t f @ f C f < , a z w ' e , e , A , c , E , c f ^ f C f g f < i n , i o i , e , U , n B , U , 1 / 2 C f t f @ f C f < z w ' e , a , A , A , » , i f t f @ f C f < , d z i , f f B f O E f N f g f S , a q i Y , m , E , c e t , E , i C f f B f O E f N f g f S , a i i , e , A o i , e , U , B

@ f t f @ f C f < - 1 / 4 , A " % X X X X % " , d z w ' e , e , A E C X X X X S A < « i " , d ^ o p , m , U , B

@ o i f t f @ f C f < , i C % o A f , [ f h , A i i , m , U , i , A C f t f @ f C f < , a , E , c , A , 1 / 2 , c i i , e , C S u , E f t f @ f C f < , a , e , i , » , i O E a , e , E ' C % o A , e , U , B

@ i i e z w ' e , e , 1 / 2 f ^ f C f g f < , i f f O R , i i U S O , A E , E , e C o i , e , U , n B

@ R C , t i f f O R < @ " \ , i C N I F P / W i n < N " @ z z , E - o f l f v f V f t f " , d z w ' e , e , A C f ^ f C f g f < % o e - E , E , C , d o z i , e z c " i , E s , i , U , B

@ f l f v f V f t f " f f j f ... [ , i u e i , i Y ' e v , i u f f O R O E a ^ f , [ f h v , A i i e C i i e o o U ' q C i - 1 , e , i , c , e , c , d Y ' e , m , A , c , e e t , i C f f O f t f @ f C f < , i i e , a i e , A e U ' q , d s , A , 1 / 2 O E a C f f O % { — , d i - 1 , m , U , B



f fO®—(Úxª—p)

@fOf tf@fCf<, ðÚxª—p f fO®—, µ, Ä C f ^ f C f g f < .ª—  
p f R [ f h , É , æ , Ä , Ä C Š Â « f t f @ f C f < , ì u , S D f f O ® — o —  
í f t f @ f C f < , ì Ž w ' è v , ì Ú xª—p , Ä Ž w ' è , , è , ½ f t f @ f C f < , Ö C f ^ f C f g f < ' à — e , ð o —  
í , µ , Ü , · B f ^ f C f g f < ,ª ' ð Ž w ' è , , è , Ä , ç , é ê ð ‡ , í C ' ð f ^ f C f g f < , ì , Ý ,ª î Ú , Æ , È , è , Ü , · B

@ŠÂ« f t f @ f C f < , ì Ý ' è ' ,ª f f O ® — ( 'ªª — p ) , Æ ^ Ù , È , é , ¾ , ¯ , Å C C Ý è € —  
Ú™ , í¯ , ¶ , Ä , · B

@® C , ± , ì f f O ® — < @ " \ , í C N I F P / W i n < N " ® Ž Ž , É -  
p f l f v f V f ‡ f " , ð Ž w ' è , · , é , Æ C f ^ f C f g f < % œ — Ê , È , Ç , ð · Ž ! , , , , É Ž © " ® " I , É s , ì , Ü , · B

@ f l f v f V f ‡ f " f f j f ... [ , ì u ' € ì , ì Ý ' è v , ì u f f O ® — œ ä ^ —  
f , [ f h v , Ä í œ C í œ •• Ú ¶ C I — ' , · , é , ì , ç , , è , © , ð Ý ' è , µ , Ä , ç  
, é ê ð ‡ , í C f f O f t f @ f C f < , ì í œ , â í œ , Æ • Ú ¶ , ð s , Á , ½ œ ä C f f O % { — , ð I —  
' , µ , Ü , · B

*fWfff“fvf□fjf...□[*

*fWfff“fvf□fjf...□[É,Í□A^È%°,ìfRf}f“fh,<sup>a</sup>—p^Ó,<sup>3</sup>ê,Ä,ç,Ü,·□B*

Œÿ□ō

‘OŒÿ□ō

ŽÿŒÿ□ō

□æ<sup>“a</sup>□s,Ö

□Å□l□s,Ö

‘O,ì□€–Ú,Ö

Žÿ,ì□€–Ú,Ö

¼‘O,ì□€–Ú,Ö

fRf□f“fgŒ<sup>3</sup>,ì□€–Ú,Ö

‘O,ì□efRf□f“fg□€–Ú,Ö

Žÿ,ì□efRf□f“fg□€–Ú,Ö

‘O,ìf^fO,Ö

Žÿ,ìf^fO,Ö

‘O,ì–ç“Ç□€–Ú,Ö

Žÿ,ì–ç“Ç□€–Ú,Ö

□ef^fCf<sub>g</sub>f<^“@

‘O,ì□ef^fCf<sub>g</sub>f<,Ö

Žÿ,ì□ef^fCf<sub>g</sub>f<,Ö

☐ @Œÿ ð

☐ @f^fCf^f<•Źš—ñ,¼,¯,☐ C f^fCf^f<•Źš—ñ,Æ“à—e,đí☐ Ū,É☐ C“ü—í,³,ê,½•Źš—ñ,ÀŒÿ ð,μ☐ CŒ☐,À,☐,À,½f^fCf^f<,É^Ū“@,μ,Û,·☐ B‘OŒă,lf^fCf^f<,☐,łŻw’è,<sup>a</sup>À,«,Û,·☐ B

☐ @Œÿ ð•Źš—ñ,í☐ C“ú—{Œê•Źš,À,à”¼Šp•Źš,À,àžg—p,À,«☐ C“ñ☐ s,É,Û,½,ϕ,¾•Źš—ñ☐ iŠŌ,É%ü☐ s,<sup>a</sup>“ü,Á,Ä,à☐ j,àŒÿ ð o,μ,Û,·☐ BŒÿ ð•Źš—ñ,í☐ A”¼Šp•Źš,À☐ A’â40•Źš,Û,Àžw’è,À,«☐ A^ê“xŒÿ ð,·,é,Æ☐ A☐ A’â10ŒĀ<sup>a</sup>,<sup>a</sup>L%<sup>o</sup>,<sup>3</sup>,ê☐ A fhf☐ fbvf\_fEf“Œ`ž@,l^ê——,☐,ç:l’ð,À,«,Û,·☐ B

☐ E’SŠp,Æ”¼Šp,ðæ•Ē,·,é  
☐ @Œÿ ð•Źš,lfJf^fJfi,Æ%op☐”žš,É,À,ϕ  
,Ā☐ A’SŠp•Źš,Æ”¼Šp•Źš,ðæ•Ē,·,é,☐,ð☐ Ažw’è,μ,Û,·☐ B

☐ E’â☐ E☐ ¬•Źš☐ ^•½%¼—¼☐ E•Đ%¼—¼,ðæ•Ē,·,é  
☐ @Œÿ ð•Źš,|%op’â•Źš,Æ%op☐ ¬•Źš☐ C,☐,Ē,ÆfJf^fJfi,ðæ•Ē,·,é,☐,ðžw’è,μ,Û,·☐ B

☐ E f^fCf^f<•Źš—ñ,ł,Ý,ðŒÿ ð,·,é  
☐ @f^fCf^f<•Źš—ñ,¼,¯,☐ C f^fCf^f<•Źš—ñ,Æ“à—e,đí☐ Ū,É,·,é,☐,ðžw’è,μ,Û,·☐ B

☞ @'Oÿ ð

@^ê"x Oÿ ð, μ, ½Eă, É CCE» f^fCf g f<, æ, è' O, ðOÿ ð, ·, é, ±, Æ, <sup>a</sup>, Å, «, Ü, · B Oÿ ð ð ð Oÿ, Í Oÿ ð, Æ<sup>-</sup>, ¶, Å, · B

☒ @ŽŸœŸ ð

☒ @^ê“x☒œŸ ð,μ,½œă,É☒œ»f^fCf g f<,æ,èŽŸ,ðœŸ ð,·,é,±  
,Æ,<sup>a</sup>,Â,«,Û,·☒œŸ ð ðœœ☒,ÍœŸ ð,Æ“<sup>—</sup>,¶,Â,·☒B

📄 @ æ<sup>a</sup> s, Ö

@f^fCf<sup>g</sup>f<%æ-Ê,Å,Í C æ<sup>a</sup>, ìf^fCf<sup>g</sup>f<,É^Ú“®,μ,Û,· B“à—e%æ-  
Ê,Å,Í C æ<sup>a</sup> s, ©, ç, Ž, μ, Û, · B

📧 @ Å I s, Ö

@f^fCf^f<%æ-Ê,Å,Í C Å I, ìf^fCf^f<,É^Ú“®,µ,Û,· B“à—e%æ-  
Ê,Å,Í C Å I s, ð•Ž!, µ, Û, · B

## ‘O, ì □ € – Ú, ö

□ @ ^ ê, Â ‘ O, ì f ^ f C f g f <, É ^ Ú “ ®, μ, Ü, · □ B  
□ @ “ à — e % œ — Ê Ž Ž □ C f ^ f C f g f <, a □ æ “ a, Å, , ê, î □ A f l f v f V f † f “ f □ f j f ...  
□ [, ì □ u ‘ € □ i, ì □ Y ‘ è □ v, Å □ u □ æ “ a □ Å □ Š m “ F Ó ° Ā b, ð — ³, μ □ v, É □ Y ‘ è, μ, Å, , ê, î □ C f ^ f C f g f < % œ  
— Ê, ì □ æ “ a f ^ f C f g f <, É — ß, è, Ü, · □ B, » , α, Å, È, — , ê, î □ A □ æ “ a f ^ f C f g f <, ¾, Æ, φ  
, α Š m “ F f □ f b f Z □ [ f W, í, Å, Ü, ; , a □ A f l f v f V f † f “ f □ f j f ...  
□ [, ì □ u ‘ € □ i, ì □ Y ‘ è □ v, Å □ u □ æ “ a □ Å □ Ž ž f G f % □ [ f □ f b f Z □ [ f W — L, è □ v, ì □ Y ‘ è, μ, È, — , ê, î \  
Ž !, μ, Ü, ¹, ñ □ B

f W f f f “ f v f, □ [ f h, É, æ, è □ C ^ Ú “ ®, ·, é □ Ů, ì “ ® □ i, a Ž Ÿ, ì, æ, α, É ^ Ú, È, è, Ü, · □ B  
‘ O E ä f, □ [ f h □ @ □ F □ @ · K, ‘ O E ä, ì “ à — e, É ^ Ú “ ®, ·, é  
” O E ¾ f, □ [ f h □ @ □ F □ @ “ d Ž q f □ □ [ f <, â f z □ [ f € f p □ [ f e f B □ C % o i < c Ž °, È, Ç, ì “ à — e, É ^ Ú “ ®, ·, é  
— ç “ Ç f, □ [ f h □ @ □ F □ @ — ç “ Ç < L % ° f, □ [ f h Ž ž, É □ C — ç “ Ç, ì “ à — e, É ^ Ú “ ®, ·, é  
— ç “ Ç, Q f, □ [ f h □ F □ @ — ç “ Ç < L % ° f, □ [ f h Ž ž, É □ C □ e f ^ f C f g f <, © — ç “ Ç, ì “ à — e, É ^ Ú “ ®, ·, é



## ŽŸ, ï € - Ú, Ö

□ @ ^ ê, Â Ž Ÿ, ï f ^ f C f g f <, É ^ Ú “ ®, μ, Ü, · □ B  
□ @ “ à — e % œ — Ê Ž Ž □ C f ^ f C f g f <, ^ □ Å □ I, ï Ž ž, Å, ©, Â □ C f I f v f V f † f “ f □ f j f ...  
□ [ ï □ u “ € □ ï, ï □ Ý ’ è □ v, Å □ u □ æ “ ^ □ Å □ I Š m ” F Ó ° Ā b, ð — ³, μ □ v, É □ Ý ’ è, μ, Ā, , ê, Î □ C f ^ f C f g f < % œ  
— Ê, ï □ Å □ I f ^ f C f g f <, É — ß, è, Ü, · □ B, » , π, Å, È, —, ê, Î □ A □ Å □ I f ^ f C f g f <, ¾, Æ, ç  
, π Š m ” F f □ f b f Z □ [ f W, Í, Ā, Ü, ; , ^ □ A f I f v f V f † f “ f □ f j f ...  
□ [ ï □ u “ € □ ï, ï □ Ý ’ è □ v, Å □ u □ æ “ ^ □ Å □ I Ž ž f G f % □ [ f □ f b f Z □ [ f W — L, è □ v, ï □ Ý ’ è, μ, È, —, ê, Î \  
Ž !, μ, Ü, ¹, ñ □ B

f W f f f “ f v f, □ [ f h, É, æ, è □ C ^ Ú “ ®, ·, é □ Ů, ï “ ® □ ï, ^ Ž Ÿ, ï, æ, π, É ^ Ú, È, è, Ü, · □ B  
‘ O E ä f, □ [ f h □ @ □ F □ @ · K, ‘ O E ä, ï “ à — e, É ^ Ú “ ®, ·, é  
” O E ¾ f, □ [ f h □ @ □ F □ @ “ d Ž q f □ □ [ f <, â f z □ [ f € f p □ [ f e f B □ C % ï < c Ž °, È, Ç, ï “ à — e, É ^ Ú “ ®, ·, é  
— ç “ Ç f, □ [ f h □ @ □ F □ @ — ç “ Ç < L % ° f, □ [ f h Ž ž, É □ C — ç “ Ç, ï “ à — e, É ^ Ú “ ®, ·, é  
— ç “ Ç, Q f, □ [ f h □ F □ @ — ç “ Ç < L % ° f, □ [ f h Ž ž, É □ C □ e f ^ f C f g f <, © — ç “ Ç, ï “ à — e, É ^ Ú “ ®, ·, é

'¼'O,ì€-Ú,ö

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**fRf□f“fgœ³,ì□€–Ú,ö**

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,Ä□CfRf□f“fgœ³,ìf^fCfgh,É^Ú“®,μ,Û,·□BfRf□f“fg”œ³¼,ð,½,Ç,é,±,Æ,ª,Å,«,Û,·□B

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,ÄC^ê~A,ìfRf f“fgf^fCfgef,ì'O,ìefRf f“fgf^fCfgef,É^Ú“®,μ,Ü,·☒BfRf f“fgf^f  
Cfgef,ì“r†,ìê☒‡,ìC,»ìefRf f“fgf^fCfgef,É^Ú“®,μ,Ü,·☒B

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☒ @fRf f“fgfcfŠ [f, [fh, É, ;, ç  
, Ä C^ê~A, ìfRf f“fgf^fCfjfç, ìŽŸ, ì efRf f“fgf^fCfjfç, É^Ú“@, μ, Û, · ☒BfRf f“fg”-  
CE¾, ð“Ç, Ý” ò, Ì, μ, ;, é, ±, Æ, º, Å, «, Û, · ☒B

‘o,lf^fo,ö

□@œ»f^fCfƒf<,æ,è‘O,lf^fO□Ý’è,μ,Ä, ,éf^fCfƒf<,É□C^Ú“®,μ,Ü,·□B

ŽŸ, ð^fO, ö

□@œ»f^fCfƒf<,æ,èœă,ě, ð^fO □Ý'è,μ,Ä, ,é^fCfƒf<,É□C^Ú“®,μ,Ü, ·□B

☐@'o,i-ç“ç☐€-ú,ö

☐@^ê,Â'O,i-ç“çf^fCfçfç,É^Ú“@,μ,Ü,·☐B



📄 @ŽŸ,ì-ç“Ç€-Ú,Ö

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👤 @ ef^fCfjf<^Ú“®

@ ef^fCfjf<^ê——, ìf\_fCfAf fOf{fbfNfX, ð•Ž!, μC^ê——  
, ©, ç^Ú“®, μ, ½, φ ef^fCfjf<, ð! ð, ·, é, ÆC, » ì ef^fCfjf<, É^Ú“®, μ, Ü, · Bf^fCfjf<—  
¼ ‡, Éf^ [fg, à o—^, Ü, · B

 @'O,ì ef^fCfgr,Ö

@^ê,Â'O,ì ef^fCfgr,É^Ú“®,μ,Û,·B

 @ŽŸ,ì ef^fCfgr,Ö

@^ê,ÂŽŸ,ì ef^fCfgr,É^Ú“@,μ,Ü,·B

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•Ž!f□fjf...□[É,Í□A^È%°,}fRf}f“fh,<sup>a</sup>—p^Ó,<sup>s</sup>é,Ä,ç,Ü,·□B

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fRf□f“fg□{,h,cf,□[fh

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□ø,è‘Ö,<sup>i</sup>%oæ—Ê

‘OŒăf,□[fh,đ‘l’đ

”Œ<sup>3</sup>/<sub>4</sub>f,□[fh,đ‘l’đ

—ç“Cf,□[fh,đ‘l’đ

—ç“C,Qf,□[fh,đ‘l’đ

☒☒@fRf☒f“fgfcfŠ☒[f,☒[fh

☒@%oikcŽ°\lf^fCfgh,žž☒C☒i,lf^fCfgh☒i”œ¼☒j,Éî,µ,ÄfRf☒f“fg,<sup>a</sup>,Á,½,è☒C,»,”-  
œ¼,<sup>a</sup>fRf☒f“fg,ð•t,Ä,ç,½,ç☒C,»è,ç,İSÖ~A,ðfcfŠ☒[œ Ž@,Äf^fCfgh<•Ž!,µ,Ü,☒B  
±,žž,İó“Ô,ðfRf☒f“fgf,☒[fh,ÆœÄ,Ñ,Ü,☒Bİ↑Ů,Æ,È,é,İ☒C‘S,Ä,İ%oikcŽ°Ä,☒B

☒@fRf☒f“fgf,☒[fh,Ä,Í☒CfXfe☒[f^fX☒s,É☒i,lf^fCfgh,lfRf☒f“fgœ³,İ”Ô☒†,ÆfRf☒  
f“fg☒”,ð•Ž!,µ,Ü,☒B“~Žž,É☒C“dŽqf☒☒[f<,İžó☒M,Æ”-  
œ¼☒Cfz☒[f€fp☒[fefB,İžó☒M,à•Ž!,µ,Ü,☒B

☒@Šù,ÉfRf☒f“fgf,☒[fh,žž,É,Í☒Cfm☒[f}f<f,☒[fh,É-ß,µ,Ü,☒B

☒@,±,İk@”\,ð—~—p,µ,Ä☒C”œ¼,ÉÍ,;éfRf☒f“fg,ð’ç,ç,©,¯,â,;,È,è☒C“¯,Ŧb’è,É,Ä,ç  
,Ä,Ü,Æ,ß,Äœ©,é,±,Æ,<sup>a</sup>Ä,«,Ü,☒B

☒@%oikcŽ°”œ¼f^fCfgh<,<sup>a</sup>ò,Ñ”ò,Ñ,É,È,Ä,Ä,ç,éf☒fOftf@fCf<,İêê±,É,Í☒C“¯,Ŧ  
%oikcŽ°ð•è,Ä,É,Ü,Æ,ß,Ä☒^—☒,µ,Ü,☒B“¯,Ŧ%oikcŽ°,İ“¯,Ŧ”œ¼f^fCfgh<,<sup>a</sup>,Á,½žž,Í☒Cœä,Ä  
œ©,Ä,©,Ä,½”œ¼f^fCfgh<,<sup>a</sup>í☒íœŽw’è,Æ,È,è,Ü,☒B”-  
œ¼f^fCfgh<,<sup>a</sup>S,Ä☒íœŽw’è,É,È,Ä,½  
%oikcŽ°f^fCfgh<,à☒íœŽw’è,Æ,È,è,Ü,☒BflfvfVf†f“f☒fjf...  
☒[İ☒u€İ,İ☒Yèv,İ☒d•jf^fCfgh<,ðŽ@“®☒íœ,;é,<sup>a</sup>f`fFfbfN,<sup>3</sup>è,Ä,ç,È,ç,Æ☒íœ☒^—  
☒,İ☒s,í,è,Ü,1,ñ☒B

☒@NIFP/Win <N“@žž,É-c,Ü,½,Í-CflfvfVf†f“<sup>a</sup>Žw’è,<sup>3</sup>è,½,©☒CflfvfVf†f“f☒fjf...  
☒[İ☒u€İ,İ☒Yèv,lfRf☒f“fgfcfŠ☒[f,☒[fh,ÄN“@,;é,<sup>a</sup>f`fFfbfN,<sup>3</sup>è,Ä,ç  
,é,Æ☒CNIFP/Win

<N“@’¼œä,©,ç☒CfRf☒f“fgf,☒[fh,Æ,È,è,Ü,☒B☒u€İ,İ☒Yèv,lfRf☒f“fgfcfŠ☒[žž,É’  
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□@fxfnfšfvfg,ì□í□œ,â•í□X,ð,;é□ê□‡,í□Cê—,ìšY“—,;éfxfnfšfvfg,Éšfo□[fX□s,ðfJ□[f\ fçfL□[Ä“Ü“@,μ,Ä□C“o~^,ì□í□œ,â•í□Xf{f^f“,ð'€□ì,μ,Ü,·□B

□Eœ»□Ý—Lœø,Éfxfnfšfvfg,Æ,μ,Ä□Ý'è  
□@fxfnfšfvfgê—,©,ç—  
Lœø,É,μ,½,çfxfnfšfvfg,ð'l,ñ,Ä(fšfo□[fX□s,ð^Ú“@,μ,Ä)□C,±,lf{f^f“,ð'€□ì,;é,Æ□Cœ»□Ý—Lœø,Éfxfnfšfvfg,Æ,È,è,Ü,·□Bê—,Äf}fEfx,ðf\_fufçfnfšfbfn,μ,Ä,à“—,¶,Ä,·□B

□E“o~^,ì□í□œ  
□@fxfnfšfvfgê—  
,©,ç“o~^,ðŽ~ ,β,½,çfxfnfšfvfg,ð'l,ñ,Ä(fšfo□[fX□s,ð^Ú“@,μ,Ä)□C,±,lf{f^f“,ð'€□ì,;é,Æ□C,»,lfxfnfšfvfg,<sup>a</sup>□í□œ,<sup>3</sup>,é,Ü,·□B

□E•í□X  
□@fxfnfšfvfgê—  
,©,ç•í□X,μ,½,çfxfnfšfvfg,ð'l,ñ,Ä(fšfo□[fX□s,ð^Ú“@,μ,Ä)□C,±,lf{f^f“,ð'€□ì,;é,Æ□C,»,lfxfnfšfvfg,ð•í□X,;é,½,β,lfxfnfšfvfgftf@fcfç,ì'l'ðf\_fcf Af□fOf{fbfnfx,<sup>a</sup>œ»,é,Ü,·□B

□E'ç%Å  
□@,±,lf{f^f“,ð'€□ì,;é,Æ□C,»,lfxfnfšfvfg,ð'ç %oÅ“o~^,;é,½,β,lfxfnfšfvfgftf@fcfç,ì'l'ðf\_fcfAf□fOf{fbfnfx,<sup>a</sup>œ»,é,Ü,·□B

***fxfnfšfvfgftf@fcf<,l'ò***

□@fxfnfšfvfg,ð“o~^□E•ï□X,;é□ê□‡,É□CŠe'Ê□Mflfbfg—  
p,É□ì□¬,³,ê,½fxfnfšfvfgftf@fcf<,l'ò,ð□s,È,ç,Û,·□B

□@fxfnfšfvfgftf@fcf<,Á,Í□C,»,lfxfnfšfvfg,É□‡,Á,½ŠÂ«ftf@fcf<,à□Ý'è,μ,Ä,-  
,¾,³,ç□B”œ¾,âf□fO□@—□,È,ç,ì□€-Ú,ì'î%ž,ª•K—v,Á,·□B

□Efxfnfšfvfgf,□[fh

□@fxfnfšfvfgftf@fcf<,l,Ý,ð—Lœø,;é(□Ø'Ö),©□CNIFP/Win,ª□s,Á,Ä,ç,éNIFTY-  
Serve,l”»è□^—□,Éfxfnfšfvfgftf@fcf<,l”»è,ð'ç%Á,;é('ç%Á),©,ðžw'è,μ,Û,·□B

## fL [•f}fEfX,ìY'è

□ @f^fCf g f < % œ — Ê, Æ “ à — e % œ — Ê, » , ê , ¼ , ê , Å □ C  
% op Žš fL □ [ □ C □ “ Žš fL □ [ □ C f t f @ f “ f N f V f ‡ f “ fL □ [ □ i , e , P □ “ , e , P , Q □ j “ ™ < y , Ñ f } f E f X f { f ^ f “ ,  
É N I F P / W i n , ì Š e Ž í < @ “ \ , ð Š , , è t , , é , ± , Æ , a □ o — ^ , Ü , . □ B

□ @ Shift fL □ [ □ C Ctrl fL □ [ □ C S f i t + C t r l fL □ [ , ð % Ÿ , μ , ½ Žž , É , Í □ C • Ê , È < @ “ \  
, ð Š , , è t , , Å , « , Ü , . □ B Windows , a — ~ — p , . , é fL □ [ , É , à < @ “ \ Š , , è t , , . , é , Æ □ C Windows • W □ €  
, ì € □ i , a , Å , « , È , È , è , Ü , . □ B

□ @ Y'è , μ , ½ fL □ [ , ì < @ “ \ , Í □ C f □ f j f . . . □ [ , â f t f @ f “ f N f V f ‡ f “ fL □ [ • Ž Ĩ , É “ ½ % o f , ³ , ê , Ü , . □ B  
Windows f f B f O E f N f g f Š □ ã , É N I F P W I N . I N I f t f @ f C f < , ð ì □ □ , μ , Å < L % o , μ , Ü , . □ B  
W I N 3 2 “ Å , Å , Í □ C f J f O E f “ f g f † □ [ f U □ [ , ì f O E f W f X f g f Š ( S o f t w a r e / Y a n a s o f t / N I F P 3 2 ) , É < L  
% o , ³ , ê , Ü , . □ B

□ E fL □ [ • f } f E f X □ Y'è □ € — Ú  
□ @ < @ “ \ Š , , è t , , a , Å , « , é fL □ [ , Æ f } f E f X f { f ^ f “ , ì ê — , Æ □ C O E » □ Y , ì Š , , è “ — , Å < @ “ \ , a •  
Ž Ĩ , ³ , ê , Ü , . □ B • Í □ X , μ , ½ , ç fL □ [ □ € — Ú , É ' ì ð □ s ( f Š f o □ [ f X □ s ) , ð ^ Ú “ @ , μ , Å , , ¾ , ³ , ç □ B

□ E < @ “ \ ' ð  
□ @ Š , , è t , , Å , « , é < @ “ \ , ì ê — , a • Ž Ĩ , ³ , ê , Ü , . □ B Š , , è t , , ð Ž ~ , ß , ½ , ç Žž , Í □ C — ç “ o ^ , ð ' ì , ñ , Å , -  
, ¾ , ³ , ç □ B • Í □ X , μ , ½ , ç fL □ [ □ € — Ú , É ' ì ð □ s ( f Š f o □ [ f X □ s ) , ð ^ Ú “ @ , μ , Å , , ¾ , ³ , ç □ B

□ @ “ Á Ž e , È < @ “ \ , É , Å , ç , Ā □ C □ à — ¾ , μ , Ü , . □ B  
□ | Home □ @ □ @ □ @ □ @ □ @ □ F □ æ “ a □ € — Ú , Ü , ½ , Í □ æ “ a □ s , É ^ Ú “ @ , μ , Ü , . □ B  
□ | End □ @ □ @ □ @ □ @ □ @ □ @ □ F □ Å □ I □ € — Ú , Ü , ½ , Í □ Å □ I □ s , É ^ Ú “ @ , μ , Ü , . □ B  
□ | PageUp □ @ □ @ □ @ □ @ □ @ □ F □ O • Å , É f X f N f □ □ [ f < , μ , Ü , . □ B  
□ | PageDown □ @ □ @ □ @ □ @ □ @ □ F □ Ž Ÿ • Å , É f X f N f □ □ [ f < , μ , Ü , . □ B  
□ | □ a □ @ □ @ □ @ □ @ □ @ □ @ □ @ □ F □ ã f X f N f □ □ [ f < , μ , Ü , . □ B  
□ | □ « □ @ □ @ □ @ □ @ □ @ □ @ □ @ □ F % ° f X f N f □ □ [ f < , μ , Ü , . □ B  
□ | □ © □ @ □ @ □ @ □ @ □ @ □ @ □ @ □ F □ ¶ f X f N f □ □ [ f < , μ , Ü , . □ B  
□ | □ “ □ @ □ @ □ @ □ @ □ @ □ @ □ @ □ F % ° E f X f N f □ □ [ f < , μ , Ü , . □ B  
□ | % ü □ s □ @ □ @ □ @ □ @ □ @ □ @ □ F f ^ f C f g f < % œ — Ê , Æ “ à — e % œ — Ê , ð □ Ø ' Ö , ! , Ü , . □ B  
□ | ESC □ @ □ @ □ @ □ @ □ @ □ @ □ @ □ F f m □ [ f } f < f , □ [ f h “ È Š O , Å , Í f m □ [ f } f < f , □ [ f h , É —  
ß , μ □ C f m □ [ f } f < f , □ [ f h , Å , Í □ I — 1 , μ , Ü , . □ B

□ | < ó “ □ @ □ @ □ @ □ @ □ @ □ @ □ F ' ì ð < @ “ \ , Æ “ , ¶ , Å , . □ B  
□ | Ž æ □ Á □ @ □ @ □ @ □ @ □ @ □ @ □ F □ i , Í Ž g — p , Å , « , Ü , 1 , ñ □ B  
□ | f t f H □ [ f J f X ^ Ú “ @ □ F f ^ f C f g f < % œ — Ê , © “ à — e % œ —  
É , Å f t f H □ [ f J f X , ð □ Ø ' Ö , ! , Ü , . □ B f } f E f X f { f ^ f “ , É Š , , è “ — , Å , ½ Žž , ¾ , —  
L O E ø , Å □ C f ^ f C f g f < % œ — Ê , Å , Í □ C f ^ f C f g f < □ s , à f } f E f X , ì , é f ^ f C f g f <  
, É ^ Ú “ @ , μ , Ü , . □ B

□ | % œ — Ê □ Ø ' Ö , ! □ @ □ @ □ @ □ @ □ @ □ @ □ F f ^ f C f g f < % œ — Ê , Æ “ à — e % œ — Ê , ð □ Ø ' Ö , ! , Ü , . □ B  
□ | ' í ' í ' ð □ @ □ @ □ @ □ @ □ @ □ @ □ F f ^ f C f g f < % œ — Ê , â “ à — e % œ — Ê , Å □ C “ í ' í ' ð ( f Š f o □ [ f X • Ž Ĩ )  
, Å , « , Ü , . □ B f v f “ f O f , f N f Š f b f N , ì f } f E f X f { f ^ f “ , É Š , , è “ — , Å , ½ Žž , ¾ , —  
L O E ø , Å □ C f } f E f X , Å f h f % o f b f O , ; , é , Æ “ í ' í ' ð □ ó ' Ö , Æ , È , è , Ü , . □ B  
□ | f R f } f “ f h , P □ “ , e □ F — ~ — p Ž Ö f R f } f “ f h , N “ @ , ì “ o ^ “ Ö □ † , É ' í % o Ž , μ , Å , , è □ C f □ f “ f ^ f b f “ , Å  
— ~ — p Ž Ö f R f } f “ f h , ì N “ @ , a , Å , « , Ü , . □ B



□|½, Û°ÛTop □@ □@ □@ □F □æ“ªs,ÉfXfNf □□[f<,μ,Û,·(fJ □[f\ f<^Ú“®,È,μ) □B  
□|½, Û°ÛBottom □@ □F □Å □I □s,ÉfXfNf □□[f<,μ,Û,·(fJ □[f\ f<^Ú“®,È,μ) □B  
□|½, Û°ÛLineUp □@ □F, P □s □ã,ÉfXfNf □□[f<,μ,Û,·(fJ □[f\ f<^Ú“®,È,μ) □B  
□|½, Û°ÛLineDown □F, P □s %°°,ÉfXfNf □□[f<,μ,Û,·(fJ □[f\ f<^Ú“®,È,μ) □B  
□|½, Û°ÛPageUp □@ □F, P □Å □ã,ÉfXfNf □□[f<,μ,Û,·(fJ □[f\ f<^Ú“®,È,μ) □B  
□|½, Û°ÛPageDwn □@ □F, P □Å %°°,ÉfXfNf □□[f<,μ,Û,·(fJ □[f\ f<^Ú“®,È,μ) □B

□E fV ftf g fL □[□ó Ô  
□@ fL □[□· f} fE fX □Ý'è □€-Ú, ì fL □[,Æ f} fE fX, ì'€ □ì, ìžž, ì □C Shift fL □[,â Ctrl fL □[,ª  
%°°Ý,ª,è,Ä,ç,½ □è □‡, ì, S, Ä, ì □Ý'è, ðžw'è, μ, Û, · □B

□E f} fE fX f \_ f u f < f N f Š f b f N, ð“Æ Ž © □§ Ö ä, ·, é  
□@ f} fE fX f { f ^ f “, Ä □C f \_ f u f < f N f Š f b f N, í □Å □%°°, É f V f “ f O f < f N f Š f b f N,ª”-  
□¶, μ, Û, · □B f \_ f u f < f N f Š f b f N, É < @ “\, ð Š,,, è·t, ¯, éžž, É, ì f V f “ f O f < f N f Š f b f N, Ö, ì < @ “\  
Š,,, è·t, ¯, à □I—¶, μ, È, ç, Æ □C Ž v, Ä, ½'€ □ì,ª □s, ì, È, ç □è □‡,ª, è, Û, ·,ª □C, ±  
, è, ðžw'è, ·, è, Æ □C f \_ f u f < f N f Š f b f N, Ä f V f “ f O f < f N f Š f b f N,ª” □¶, μ, È, -  
, È, è □C æ-È, Ä, «, Û, · □B' A, μ □C f V f “ f O f < f N f Š f b f N, ì”½%°°ž,ª x, ·, È, Ä, Ä, μ, Û, ç, Û, · □B

□E %°°æ-È'ì ð  
□@ fL □[□· f} fE fX, ì < @ “\ Š,,, è“-Ä, í □C f ^ f C f g f < %°°æ-È, Æ “à—e %°°æ-È, Ä, » , è, ¼, è %°°Ä”\  
, Ä, ·,ª □C, ±, ±, Ä %°°æ-È, ðžw'è, μ, Û, · □B

□E · ì □X  
□@ fL □[□· f} fE fX □Ý'è □€-Ú, Æ < @ “\ ì'ð, Ä'ì ð, μ, ½ □ó Ô, Ä □C, ±, ì f { f ^ f “, ð %°°Ý, ·, Æ < @ “\  
Š,,, è·t, ¯, ð □s, ç, Û, · □B fL □[□· f} fE fX □Ý'è □€-Ú, © < @ “\ ì'ð, ì è—  
, ì'ì ð □s, Ä f \_ f u f < f N f Š f b f N, μ, Ä, à“¯, ¶, Ä, · □B

□E □í □œ  
□@ fL □[□· f} fE fX □Ý'è □€-Ú, Ä'ì ð, μ, ½ □ó Ô, Ä □C, ±, ì f { f ^ f “, ð %°°Ý, ·, Æ, » , ì □€-Ú, ì < @ “\  
Š,,, è·t, ¯, ð □í □œ, μ, Û, · □B

□F,ì□Ý'è

□@f□fOfEfBf“fhfE,âf^fCfGf•¶Žš,È,Ç,ì—l□X,È□F,ðfJfXf^f}fCfY,;é,±,Æ,ª,À,«,Ü, □B”wœi□F,Í,Q,T,U□F,ª“l’ð,À,«,Ü,; □C•¶Žš—ñŠÖ~A,Í,P,U□F,ÉœÀ,ç,ê,Ü, □B

Windowsfffbfœfnfgfš□ã,ÉNIFPWIN.INI ftf@fCfç,ð□ì□¬,µ,Ä<L%□,µ,Ü, □B  
WIN32”À,À,í□CfJfœf“fgf†□[fU□[,ìfœfwfXfgfš(Software/Yanasoft/NIFP32),É<L%□,ª,ê,Ü, □B

□E□F□Ý'è□€—Ú

□@□FfJfXf^f}fCfY,À,«,éŠe□€—Ú,ªê——•Ž!,ª,ê,Ü, □B•ì□X,µ,½,φ□€—Ú,ð“l’ð,µ,Ü, □B□€—Ú,É,í□C^È%□,ì,à,ì,ª,è,Ü, □B

- |fXfe□[f^fX□î•ñ”wœi□F□FfXfe□[f^fX□s,ì”wœi□F
- |f^fCfGf<%œ—Ê”wœi□F(ftfH□[fJfX)□F—Lœø,ÈŽž,ìf^fCfGf<%œ—Ê,ì”wœi□F
- |“à—e%œ—Ê”wœi□F(ftfH□[fJfX)□F—Lœø,ÈŽž,ì“à—e%œ—Ê,ì”wœi□F
- |fXfe□[f^fX□î•ñ□FfXfe□[f^fX□s,ì•¶Žš□F
- |□ef^fCfGf<•Ž!□F□ef^fCfGf<□s,ì•¶Žš□F
- |□ef^fCfGf<□F□ef^fCfGf<,ì•¶Žš□F
- |“ê”Êf^fCfGf<□F“ê”Êf^fCfGf<,ì•¶Žš□F
- |□l,ì,èf^fCfGf<□F□Àœã,ðŽ!,f^fCfGf<,ì•¶Žš□F
- |“l’ð”†f^fCfGf<□F“l’ð”†,ìf^fCfGf<,ì•¶Žš□F
- |□í□œ”†f^fCfGf<□F□í□œŽw’è,ìf^fCfGf<,ì•¶Žš□F
- |“l’ð”•□í□œ”†f^fCfGf<□F“l’ð”†,À,©,À□í□œŽw’è”†,ìf^fCfGf<,ì•¶Žš□F
- |f^fO□Ý'è”†f^fCfGf<□Ff^fO□Ý'è”†,ìf^fCfGf<,ì•¶Žš□F
- |Šù“Çf^fCfGf<□FŠù“Ç,µ,½”ê”Êf^fCfGf<,ì•¶Žš□F
- |fZfpfœ□[f^f^fCfGf<□FfZfpfœ□[f^f^fCfGf<,ì•¶Žš□F
- |fRf□f“fgfçfš□[f%□fCf“□FfRf□f“fgfçfš□[Žž,ìfçfš□[•Ž!,µ,Ä,ç,é□ü□F
- |“à—e•Ž!□F“à—e%œ—Ê,ì”Ê”Ê□s,ì•¶Žš□F
- |œÿ□ð•Ž!□F“à—e%œ—Ê,ìœÿ□ð,ª,½□s,ì•¶Žš□F
- |%ü□sf}□[fN□F“à—e%œ—Ê,ì%ü□sfR□[fh,ì□F
- |□©f}□[fN□FfXfe□[f^fX□s,ì□¶fXfnf□□[f<%“À”\,ðŽ!,<L□†,ì□F
- |□ªf}□[fN□FfXfe□[f^fX□s,ì□ãfXfnf□□[f<%“À”\,ðŽ!,<L□†,ì□F
- |□«f}□[fN□FfXfe□[f^fX□s,ì%°fXfnf□□[f<%“À”\,ðŽ!,<L□†,ì□F
- |□”f}□[fN□FfXfe□[f^fX□s,ì%EfXfnf□□[f<%“À”\,ðŽ!,<L□†,ì□F
- |f^fCfGf<%œ—Ê”wœi□F(“ñftfH□[fJfX)□F—Lœø,À,È,çŽž,ìf^fCfGf<%œ—Ê,ì”wœi□F
- |“à—e%œ—Ê”wœi□F(“ñftfH□[fJfX)□F—Lœø,À,È,çŽž,ì“à—e%œ—Ê,ì”wœi□F

□E□F□Ý'è

□@□F,ì□Ý'èf\_fCfAf□fOf{fbfnfX,ÀŠî—{□F,â□ì□¬,µ,½□F,É□Ý'è,À,«,Ü, □B

%œ-Êf, [fh, ì ÿ'è

@NIFP/Win fEfBf“fhfE, ìŠeŽ!%œ-Ê, ðŽ©ª, É□±, œ, œ, ÉfJfXf^f}fCfY, Â, «, Ü, · □B

WindowsffBfœfnfgfŠ □ã, ÉNIFPWIN.INI ftf@fCf<, ð ì □ ¬, μ, Ä<L%œ, μ, Ü, · □B  
WIN32”Â, Â, Í □ CfJfœf“fgf† □ [fU □ [ ì fœfwfXfgfŠ (Software/Yanasoft/NIFP32), É<L  
%œ, °, é, Ü, · □B

EfXfs □ [fhfo □ [  
@fEfBf“fhfE □ã, ÉfXfs □ [fhfo □ [ ð, ðŽ! , · é, ©, ð' ð, μ, Ü, · □BfXfs □ [fhfo □ [ª, · é, œ □ CfX  
fs □ [fhfAfcRf“ ðf}fEfXf{f^f“ ÂfnfŠfbfn, · é, ¾, ¯, Â □ C<@”œÄ, Ñ □ o, μ,ª, Â, «, Ü, · □B  
□ |·Ž! , -³, μ □ @ □ @ □ @ □ @ □ FfXfs □ [fhfo □ [ ð, ðŽ! , μ, É, ϕ  
□ |fEfBf“fhfE □ã” □ @ □ FfEfBf“fhfE, ìè” Ô □ã, ÉfXfs □ [fhfo □ [ ð, ðŽ! , μ, Ü, ·  
□ |fEfBf“fhfE%œE' [ □ @ □ FfEfBf“fhfE, ì%œE' [ ÉfXfs □ [fhfo □ [ ð, ðŽ! , μ, Ü, ·  
□ |f|fbfvfAfbfv·Ž! □ Ff|fbfvfAfbfvfEfBf“fhfE, ÂfXfs □ [fhfAfcRf“ ð, ðŽ! , μ, Ü, ·

Eftf@f“fnfvf‡f“fL □ [  
@fL □ [ □ f}fEfX, ì ÿ'è, Âftf@f“fnfvf‡f“fL □ [ ÉŠ, , è“ , Â, ½<@”\  
, ð □ Cftf@f“fnfvf‡f“fL □ [f{f^f“ , œ, μ, Â·\  
Ž! , · é, ©, ð' ð, μ, Ü, · □Bftf@f“fnfvf‡f“fL □ [f{f^f“ , ð □ CfL □ [f{ □ [fh, ìœ` □ ó, É □ ±, í, ¹, Ä, SœÄ  
, ©, TœÄ, É, Ü, œ, ß, é, ±, œ,ª, Â, «, Ü, · □B  
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,;é,±,Æ,ª%Â”\,Æ,È,è,Ü,·□BV1.40,©,ç□CfXfNfŠfvfgŽd—l,ì”Á□”f`fFfbfN,ª□s,í,ê,é,æ,±  
,É,É,è,Ü,μ,½□BfXfNfŠfvfgftf@fCf<,ì”Á□”,ª^ê'v,μ,É,φ,Æ“Ç,Ý□ž,YŽž,ÉfGf  
%□□[,Æ,É,è,Ü,·□B

□@'Ê Mf fOfXfNfŠfvfg,Æ,í□CNIFP/Win ,ª,»,ìžwŽ!,É□],Á,½f^fCfjf<”»'è,ð□s,±  
,½,ß,ìžè'±,«•¶,ì,æ,±,È,à,ì,Á,·□B^êœ©“i,μ,»,±,Á,·ª□CŠμ,ê,Á,μ,Ü,!,ÌŠÉ'P,É□ì□¬,·,é,±  
,Æ,ª,Á,«,Ü,·□B

f fOfXfNfŠfvfg.ìŽd—l  
f fOfXfNfŠfvfg,ì□ì□¬žè^ø,«

**f fOfXfNfŠfvgŽd—l**

□@f□fOfXfNfŠfvgftf@fCf<ÍfefLfxfgœ`Ž®;Á<L□q,μ,Û,·□BŠî–  
{œ`Í,P,O,f^fCfv,ì□s,©,ç□\□¬,³,ê,Û,·□B□æ<sup>a</sup>□s,É□u;X.XX□v,ìœ`Ž®;Á”Á□”è` (œÁ`è)  
,<sup>a</sup>•K—v,Á,·□B

- E□uH□v□s□FfxNfŠfvg,ìf^fCf<g<—¼,ðŽw'è,μ,Û,·□B
- E□uN□v□s□F“Á'è,μ,½,ϕf□fOftf@fCf<,ðf□fCf<fhfJ□[fh,ÁŽw'è,μ,Û,·□B
- E□uF□v□s□FŠÁ<«Í§²Û,ðlÛÊß½–¼,ÁŽw'è,μ,Û,·□B
- E□uD□v□s□FŠeÄP`Ú,ÄØ,ðlÛÊß½–¼,ÁŽw'è,μ,Û,·□B
- E□uX□v□s□FŠeì§²Û,ì»ì<sup>–</sup>,½,ðŽw'è,μ,Û,·□B
- E□uT□v□s□FÀ²ÄÛ<æ<sup>a</sup>,;é<sup>a</sup>—p<sup>o</sup>Äp,âÄ²lß,ìŽw'è□BŠeìpÛ<sup>–</sup>,ì□æ<sup>a</sup>□s,Æ,È,è,Û,·□B
- E□uC□v□s□FÀ²ÄÛ<æ<sup>a</sup>,;éŽž,É”äŠr,;é,½,ß,ì□§œä□s□BŽÿ,ì□uS□v,Æ'Í,Á,·□B
- E□uS□v□s□FNIFP/  
WIN,<sup>a</sup>μ,σÄ²ÄÛ□î•ñ,ì□ì□¬ŽwŽ|□s□B□uC□v,Æ'Í,Æ,È,è□C^ê,Á,ì□uT□v,ÉŠ  
ô,Á,Á,à<L□q,Á,«,Û,·□B
- E□uP□v□s□FÀ²ÄÛ<æ<sup>a</sup>”äŠr,ìÍ□ÛŠO,É,μ,½,ϕ•¶Žš—ñ,ðŽw'è,μ,Û,·□B
- E□uA□v□s□F□uS□v□s“à,Á^ø—p,;é”»'è•¶Žš—ñ,Æ•ÍŠ,μ,½,ϕ•¶Žš—  
ñ,ðŽw'è,μ,Û,·□B
- E,±,ê^ÈŠO,ì□s,í°ÒÝÄ□s,Æ,Ý,È,μ,Û,·□B

## uHv s

@æ<sup>a</sup>uH: v, Å C f X f N f Š f v f g, ð • \, í, : f ^ f C f g f < • ¶ Ž š — ñ, ð 4 0 Ę ...  
^ È “ à, Å Ž w ’ è, µ, Ü, · □ B, P □ s, ¾, ¯, µ, © Ž w ’ è, Å, «, Ü, 1, ñ □ B N I F P / W i n  
f E f B f “ f h f E, ì f ^ f C f g f < f o □ [ É □ C, ±, ±, Å Ž w ’ è, µ, ½ • ¶ Ž š — ñ, <sup>a</sup> \ Ž |, <sup>3</sup> è, Ü, · □ B ’ Ê □ M f l f b f g –  
¼, È, Ç, ð Ž w ’ è, , é, Æ, ç, ç, Å, µ, å, ¢ □ B Ž w ’ è, <sup>a</sup>, È, ç □ ê □ ‡, É, Í □ C f ^ f C f g f < f o □ [ É, Í ( N I F T Y -  
Serve), Æ • \ Ž |, <sup>3</sup> è, Ü, · □ B

— á □ F H : “ ú Ę o M I X f l f b f g



## uNv s

@æ<sup>a</sup>uN:v,ÅC,±  
,ìXfNfŠfvfg,¼,¯,a<sup>μ</sup>,í,éf fOftf@fCf<,ðf fCf<fhfJ[fh(\*,â?)  
,ðŽg,Á,Äftf@fCf<-¼,ð•j”Žw’è,Á,«,Ü,·B•j”ìŽw’è,Á,íCftf@fCf<-  
¼,ðu,v,ÅæØ,Á,Ä,¼,³,çB,±,ìŽw’è,<sup>a</sup>,é,ÆCfhf%fbfO•fhf fbfv,ÅNIFP/Win  
<N“®,μ,½Žž,ÉC,±,±,ÅŽw’è,μ,½ftf@fCf<-¼,Æê’v,·éftf@fCf<,¼,ÆC,±  
,ìXfNfŠfvfg,ðŽg—p,·éNIFP/Win,ÉØ,è’Ö,í,è,Ü,·BfXfNfŠfvfg-^,Éftf@fCf<-  
¼,É“Á’¥,<sup>a</sup>,éŽž,É,íC,±,ìŽw’è,<sup>a</sup>,é,ÆCê—p,ìNIFP/Win,<sup>a</sup>Ž“®,ÅN“®,Á,«,é,æ,¤  
,É,È,è,Ü,·B,P s,¼,¯,μ,©Žw’è,Á,«,Ü,¹,ñB

—áFN:MIX\*.LOG,DAT?????.M??

## uFv s

@æ<sup>a</sup>uF:v,ÅCfXfNfŠfvfg,É±,Á,½ŠÂ«ìš²Ù–  
¼,ðìÛÊß½,ÅŽw'è,μ,Û,·□B,P□s,¾,¯,μ,©Žw'è,Á,«,Û,¹,ñ□BŽw'è,<sup>a</sup>È,ç□ê□±,É,Í□CflfvfV  
f±f“f□ffj...□[,ìŠÂ«ftf@fCfç,ì“o~^,Å□Ýè,μ,½ŠÂ«ftf@fCfç,<sup>a</sup>Žg,í,ê,Û,·□B

—á□FF:\nifpwin.cfg

## uDvs

@æ<sup>a</sup>uD: v, Å CNIFP/Win , ÅŽQ Æ E ~ p, ; é ŠeffBfœfNfgfŠ-  
¼, ð uL= v, uD= v, uF= v, uS= v, uT= v, uB= v, uM= v, uO= v, ð•t, ¯, Äft  
f<fpfX( Æã, É, ð•t, ¯, é)  
, ÅŽw'è, µ, Ü, · BŠe X, Í u, v, Åæ Ø, Å, ÅŽw'è, µ, Ü, · B, P s, ¼, ¯, µ, © Žw'è, Å, «, Ü, 1, ñ BŽ  
w'è, <sup>a</sup>, È, ç è ð †, É, Í CfI f v f V f † f “ f f j f ...  
[, ] Š Å «, Ì Y'è, Å Y'è, <sup>3</sup>, è, ½ f f B f œ f N f g f Š, <sup>a</sup> Ž g, í, è, Ü, · B

E uL= v F “ Ç, Ý ž, Ý, ; é f f O f t f @ f C f < - p  
E uD= v F ^ è Š † ® - , ; é f f O f t f @ f C f < - p  
E uF= v F • j Ž É E Ø, è o, µ, ; é o - Í æ f t f @ f C f < - p  
E uS= v F ” œ ¼, ; é o - Í æ f t f @ f C f < - p  
E uT= v F f ^ f C f g f < o - Í, ; é o - Í æ f t f @ f C f < - p  
E uB= v F | - <sup>1</sup> Ž Ž, Ì f o f b f N f A f b f v, Ì o - Í æ f t f @ f C f < - p  
E uM= v F - ç “ Ç < L % ¯, Ì o - Í æ f t f @ f C f < - p  
E uO= v F f f O ® - , Ì o - Í æ f t f @ f C f < - p

—á FD:L=\NIF\,S=\MAIL\

## uXvS

@æ<sup>a</sup>uX: v, Å CNIFP/Win, ÅŽQÆE~—  
p, ; éŠeftf@fCf<, ðf fCf<fhfJ [fh, ð uL= v, uD= v, ð•t, ¯, Ä, T, O•¶Žš, Ü, Å, ÅŽw'è, µ,  
Ü, · Bf fCf<fhfJ [fh, ð•; ¶Žw'è, ; é ê ð †, É, Í C u; v, Åæ Ø, Å, Ä, -  
, ¾, ¾, ç BfTftfBfbfNfX, ð uF= v, uS= v, uT= v, uB= v, uM= v, ð•t, ¯, Ä  
%opŽš, R•¶Žš, Ü, Å, ÅŽw'è, µ, Ü, · BŠe X, Í u, v, Åæ Ø, Å, ÅŽw'è, µ, Ü, · B, P s, ¾, ¯, µ, ©  
Žw'è, Å, «, Ü, ¹, ñ BŽw'è, ², É, ç ê ð †, É, Í C flfvfvf†f“f fff...  
[, ðŠÅ«,, ð Y'è, Å Y'è, ³, ê, ½ fTftfBfbfNfX, ²Žg, í, ê, Ü, · B

E uL= v F“Ç, Y ž, Y, ; é f Of tf @ fCf <—p  
E uD= v F ê Š † ®—, ; é f Of tf @ fCf <—p  
E uF= v F j Ž Ê E Ø, è o, µ, ; é o— Í æ f t f @ fCf <—p  
E uS= v F” Œ ¾, ; é o— Í æ f t f @ fCf <—p  
E uT= v F ^ f C f g f < o— Í, ; é o— Í æ f t f @ fCf <—p  
E uB= v F l— ¹ Žž, ð f o f b f N f A f b f v, ð o— Í æ f t f @ fCf <—p  
E uM= v F— ç “ Ç < L % ¯, ð o— Í æ f t f @ fCf <—p

—á FX: L=\*.LOG, S=TXT

□uT□v□s

□@f^fCf g f < ,Æ,μ,Ä□Ø,è□o,·Žž,ì<sup>a</sup>—  
p,âf^fCfv,ð'è< ,;é□s,Å□C,» ,ìŒã,É•K, □uC□v□s,Æ□uS□v□s,ìfyfA,<sup>a</sup>•K—  
v,Ä,·□B“ ,¶f^fCf g f < ,É” »è ,;é□uC□v□s,Æ□uS□v□s,ìfyfA,Í± ,ÄŽw'è□o—^,Ü,·□B

□@□æ<sup>a</sup>,<sup>a</sup>□uT:□v,Å□Cf^fCf g f < □î•ñ,ð□u<sup>a</sup>—p°Äp□v,□uÀ²ìß□v,□u□eÀ²ÄÜ<sup>a</sup>—  
p°Äp□v,ì□‡”Ô,É10□i□” ,ÄŽw'è,μ,Ü,·□BŠe□X,Í□u,□v,Äæ□Ø,Ä,ÄŽw'è,μ,Ü,·□B□Ø,è  
□o,μ,μ,½,ϕf^fCf g f < ,ì□” ,¾, -Žw'è,μ,Ü,·□B

□E□u<sup>a</sup>—p°Äp□v□@ □@□Ff^fCf g f < ,ð<æ•É,;é,½,ß,ìf^fCf g f < •<sup>a</sup>—  
p°Äp,ð□”Žš3Œ...  
^È“à,ÄŽw'è,μ,Ü,·□B^è”Éf^fCf g f < ,Í80□`120□C□ef^fCf g f < ,Í20  
0□`240□C□í□œf^fCf g f < ,Í127,Æ,μ□C'¼,ÍNIFP/WIN  
,ìšfU□[fu,Ä,·□B”í”ÉŠO,ì'l,ðŽw'è,μ,½□ê□‡,É,Í□C“@□i,ð•Ü□  
Ø,Ä,« ,Ü,¹,ñ□B

□E□uÀ²ìß□v□@□@□@ □F<sup>a</sup>—  
p,μ,½f^fCf g f < ,ì□CfRf□f“fgfcfŠ□[žž,ì“@□ìf^fCfv,ð□”Žš0  
□`3,ÄŽw'è,μ,Ü,·□B  
□E 0□F^è”ÉÀ²ìß,Äf^fCf g f < •Ž! ,<sup>3</sup>é,È,È,è,Ü,·□B  
□E 1□Ff^fCf g f < ,ì•Ä,Ñ•í ,<sup>a</sup>,<sup>3</sup>é, ,É,» ,ì,Ü,Ü•Ž! ,<sup>3</sup>é,Ü,·□B  
□E 2□F”Œ¾”Ô□†□‡,É•Ä,Ñ•í ,<sup>3</sup>é,Ä,» ,ì,Ü,Ü•Ž! ,<sup>3</sup>é,Ü,·□B  
□E 3□FfRf□f“fg□‡,É•Ä,Ñ•í ,<sup>3</sup>é,ÄfcfŠ□[•Ž! ,<sup>3</sup>é,Ü,·□B  
□E□ă<L,ì□”Žš,É10,ð%oÁ,ì,é,Æ□C'¼'O,ìf^fCf g f < ,Æ“ ,¶À²ÄÜ<sup>a</sup>  
—p°ÄpŽž,Í□Cf^fCf g f < □ì□¬,μ,É,ϕ,æ,π,É,È,è,Ü,·□B

□E□u□eÀ²ÄÜ<sup>a</sup>—p°Äp□v □F,±,ìf^fCf g f < ,ì□e,Æ,È,éf^fCf g f < ,ì<sup>a</sup>—  
p°Äp,ð□”Žš3Œ...^È“à,ÄŽw'è,μ,Ü,·□B□eŽqŠÖŒEW,<sup>a</sup>—  
<sup>3</sup>,ϕ□ê□‡,Í□É—<sup>a</sup>,Ä,« ,Ü,·□B

—á□FT:80,3,200□@□@; •<sup>a</sup>—p80,ì°ÒÝÄÄØ°—L,è^è”ÉÀ²ÄÜ,Ä□C□eÀ²ÄÜ,Í<sup>a</sup>—  
p200

íœf^fCfgr,Æ,í

@f^fCfgr,Æ,μ,ÄØ,èo,μ,½,È,ç•<sup>a</sup>,ðíœf^fCfgr,Æ,μ,ÄØ,èo,;±  
,Æ,ÄCf^fCfgr•Ž!,μ,Û,ñBfO®—,âC<sup>3</sup>o—  
ÍŽž,àíÛŠO,Æ,È,èCfOftf@fCgr,©,ç,»,ì•<sup>a</sup>,<sup>a</sup>íœ,Å,«,Û,·B eÀ²ÀÛ•<sup>a</sup>—  
p°Äb,ÍŽw'è,μ,È,ç,Å,,¾,¾,çB

□uC□v□s

□@f□fOftf@fCf<đê□s“Ç,Y□ž,þ-^,É□C,±,l□uC□v□s,l^fCf<g>”»è•ŕŽš—  
ñ,Æ^ê'v,;é,©”àŠr,μ□C,Pf-□Š,À,à^ê'v,μ,È,ç□ê□±,É,ÍŽY,ì”»è•ŕŽš—ñ,É^Ú,è,Ü,·□B,ç  
,,é,ì”»è•ŕŽš—ñ,É,à^ê'v,μ,È,©,Á,½□ê□±,Íf^fCf<g>□s,Á,É,ç  
,Æ”»è,μ□CŽY,ì□s,đ“Ç,Y□ž,ñ,Á□ÁĈĚã,ì□s,Ü,ÁĈĚJ,è•Ô,³,é,Ü,·□Bf^fCf<g>”»è•ŕŽš—  
ñ,ÉŽY□s,É^Ú,éŽw'è,ª, ,Á,½□ê□±,É,Í□Cf□fOftf@fCf<,ìŽY□s,đ“Ç,Y□ž,ñ,Á”àŠr,μ,Ü,  
,ª□C^ê'v,¹,„,ÉŽY,ì”»è•ŕŽš—ñ,É□s,Žž,ÉĈ³,ì□s,É-β,³,é,Ü,·□B  
□@□uC□v□s,ìŽw'è□±”Ô,É•ŕŽš—ñ”àŠr,μ,Á,ç,«,Ü,·,ì,Á□CŽw'è□±”Ô,đ□l,ì,Ä,¨,©,É,ç  
,ÆŠù,É•É,Èf^fCf<g>,Æ,μ,Ä”»è,³,é,Ä,μ,Ü,ª□ê□±,ª”ŕŕ,μ,Ü,·□B

□@□æ“ª,ª□uC:□v,Á□C^ê'v”àŠr,μ,½,ç•ŕŽš—ñ,đ□C{,©  
,ÁŽn,Ü,é□§ĈĚª°Āp,©□C,»„ê^ÈŠO,ì'P□f,É™,μ,ç  
,©,đ”»è,;é•ŕŽš,ì'g,Y□ž,í,¹,AŽw'è,μ,Ü,·□B□Á'á256•ŕŽš,Ü,Á,Á□C”àŠr,ì□Ū,Æ,È,é□s,đ  
□Á'á256•ŕŽš,Ü,Á,Á,·□B'A,μ□CfXfNfŠfvfg'Ç%Á,ì□^—  
□,Á,Í□C□Á'á80•ŕŽš,Ü,Á,Æ,È,è,Ü,·□Bf□fO,ì•ŕŽš—  
ñ,Æ^ê'v,μ,È,©,Á,½,ç□CŽY,ì”»è•ŕŽš—ñ,É□§ĈĚª,đ^Ú,μ,Ü,·□B

□E{ □F”àŠr,Æ'Š□o,đĈĚ“,È,½Žw'è,Á□C{,Æ},Á^È  
%°,ì□§ĈĚª•ŕŽš,đŠ±,è,Ü,·□B^ê”É,ì•ŕŽš,ìŽw'è□o—  
^,Ü,¹,ñ□B^ê'v,μ,½□ê□±,É,Í□C□uS□v□s,Á^ê'v,μ,½•ŕŽš—ñ,đ—~—p□o—^,Ü,·□B  
□E% □F”¼Šp□”Žš,Á, ,é,©,đ”»è  
□E# □F³¼pŪ”ìßŪ½(□æ“ª,É0,đ•t,¯,È,ç),ì”¼Šp□”Žš,Á, ,é,©,đ”»è  
□E\$ □F”¼Šp±Ūì§ìp¯Ä,Á, ,é,©,đ”»è  
□E& □F”¼Šp□”Žš,Æ”¼Šp\*,Æ”¼Šp±Ūì§ìp¯Ä,Æ”¼Šp.,Æ”¼Šp\_,Á, ,é,©,đ”»è  
□E\* □F,Ç,ñ,É•ŕŽš,Á,à,æ,ç(•ŕŽš□”%Á•ì)□B}  
,ìŽY,ì•ŕŽš,Æ^ê'v,;é•ŕŽš,ªĈĚ,Á,©,é,Ü,Á□B  
□E? □F,Ç,ñ,É•ŕŽš,Á,à,æ,ç(•ŕŽš□”^ê'v)□B  
□E| □F{ } “à,Á•ì□”,ì”»è,đ□s,ç,½,çŽž□C,±,ìL□t,Á,»„é,¼,é,ì”»è•ŕŽš—  
ñ,đ,æ□Ø,è,Ü,·□B”»è•ŕŽš—ñ,ì%½,é,©,Æ^ê'v,;é,©,đ”»è  
□@□§ĈĚª•ŕŽš,ì□-□Ý,ì□o—  
^,Ü,¹,ñ□B¯,ŕŕ□§ĈĚª•ŕŽš,đ•Á,x,é,Æ,»,ìĈĚÁ□”ª,ìĈĚÁ'è'.Æ,È,è,Ü,·□B,PĈĚÁ,ì□§ĈĚ  
ª•ŕŽš,ì¼ĈĚª,É□”Žš2ĈĚ...,Ü,Á,ÁŽw'è,;é,Æ1□`Žw'èĈĚ...□”,Ü,Á,ì  
%Á•ì',Æ,Ý,È,μ,Ü,·□B  
□@{ } ,ìŽw'è□±,É,P”Ô,©,ç”Ô□t•t,¯,³,é□C□uS□v□s,ì□u\$X□v,Á^ê'v,μ,½•ŕŽš—  
ñ,đ—~—p□o—^,Ü,·□B□Á'á20ĈĚÁ,Ü,Á,Á,·□B

□E\ □F“Á•É,È□§ĈĚª•ŕŽš,ìŽw'è,Á□CĈĚª,É±,^È%°,ì•ŕŽš,É,æ,è^Ó-j,ªŪ,È,è,Ü,·□B  
□Es □F½ìß-½°Āp(Šž,žš,ìó””,àŠÜ,p),ÆÀìp°Āp(ìt),đ”»è,¹,„,É“Ç,Y”đ,ì,μ,Ü,·  
□Eb □F^ê•ŕŽšª-β,μ,Ü,·  
□EI □FŽY,ì□s,É^Ú,è,Ü,·  
□En □F%ü□s°Āp,Á, ,é,©,đ”»è,μ□CŽY,ì□s,É^Ú,è,Ü,·  
□E\ □F| °Āp,Á, ,é,©,đ”»è  
□E{ □F{ °Āp,Á, ,é,©,đ”»è  
□E| □F| °Āp,Á, ,é,©,đ”»è  
□E| □F•ì□”,ì”»è,đ□s,ç,½,çŽž□C,±,ìL□t,Á,»„é,¼,é,ì”»è•ŕŽš—





□uS□v□s

□@□uC□v□s,l'»'è•ŕŽš—  
ñ,Æ^ê'v,μ,½f□fO,l□s,©,çf^fCfɡf<□îñ,ð□□□,·,é,½,β,É□Cf^fCfɡf•ŕŽš—  
ñ,âŠeŽif^fCfɡf<□îñ,l□□□,ðŽw'è,μ,Û,·□B

□@□æ<sup>a</sup>,<sup>a</sup>□uS:□v,Á□Cf^fCfɡf<□îñ,l□□□,ð□uX=□v,□uT=□v,□uF=□v,□ul=□v,□  
uC=□v,□uN=□v,□ua□`z=□v,ĂŽn,Û,é□§Œä°°Ăp,ĂŽw'è,μ,Û,·□B,»„ê,¼,ê,Í□u,□v,Ă<æ  
□Ø,Ă,ĂŽw'è,μ,Û,·□B

□E□uX=□v□F□uC□v□s,Ă{ }  
lŽw'è□‡"Ô,ð'u,«Š·,Û,·□B'è<`·,·,é□ê□‡,Í□uS□v□s,l'K,□æ<sup>a</sup>,Æ,μ,Û,·□B  
Žw'è□‡"Ô,l1□`20"Ô,l□‡"Ô,É'Í,μ,Ă□C'u,«Š·,½,ϕ□‡"Ô,l'Ô□‡,ðŽw'è,μ,Û,  
·□B—  
á,Û,Í□CX=4321,Í□C4"Ô,ð1"Ô,É□C3"Ô,ð2"Ô,É□C2"Ô,ð3"Ô,É□C1"Ô,ð4"  
Ô,É'u,«Š·,Û,·□B,±,Û,«Š·,Û,Í□C"Œ¾,âf□fO□@—□y,Ň□C□uS□v□s,Ă  
—LŒø,Ă,·□B

Žw'è□‡"Ô,Í□uC□v□s,Ă{l' } ,lŽw'è□‡"Ô1□`9,10□`20,ð1□`9,A□`J,l  
%op□"Žš,É'u,«Š·,Û,ĂŽw'è,μ,Û,·□B

□E□uT=□v□Ff^fCfɡf<%æ—É,É•Ž!,·,é,½,β,l^f^fCfɡf•ŕŽš—  
ñ,ð□C□§Œä•ŕŽš,Æ•ŕŽš—ñ,l'g,Y□‡,l',ð{ ,Æ } ,ĂŠ‡,Ă,ĂŽw'è,μ,Û,·□B□È  
—<sup>a</sup>,·,é,Æ□C^ê'v,μ,½Žž,l□æ<sup>a</sup>□s,»„l,Û,Û,ðf^fCfɡf•ŕŽš—ñ,Æ,·,é□B^É  
%o°,l□§Œä•ŕŽš,Ă•ŕŽš—ñ,ð□□□□—^,Û,·□B

□E\$X □F□uC□v□s,l{ } ,ĂŠ‡,Ă,½□§Œä•ŕŽš,Æ^ê'v,μ,½•ŕŽš—  
ñ(^ê'v,μ,½Œ...□"•<sup>a</sup>),ðŠi"[

□E&x □F□uC□v□s,l{ } ,ĂŠ‡,Ă,½□§Œä•ŕŽš,Æ^ê'v,μ,½•ŕŽš—  
ñ(Žw'èŒ...□",É,È,é,æ,ϣ,É<ó",ðŒä,è,É'Ç%oÁ),ðŠi"[

□E\$X  
□F'O,lÀ²ÄÙ"»'è,ð□s,Ă,½□uS□v□s,l□ua□`z=□v,ĂŠO•"•İ□"a,©,  
çz,É•Û'ŕ,μ,½•ŕŽš—ñ(^ê'v,μ,½Œ...□"•<sup>a</sup>),ðŠi"[

□E&x  
□F'O,lÀ²ÄÙ"»'è,ð□s,Ă,½□uS□v□s,l□ua□`z=□v,ĂŠO•"•İ□"a,©,  
çz,É•Û'ŕ,μ,½•ŕŽš—ñ(Žw'èŒ...□",É,È,é,æ,ϣ,É<ó",ðŒä,è,É'Ç  
%oÁ),ðŠi"[

□E~X □F□uC□v□s,l{ } ,ĂŠ‡,Ă,½□§Œä•ŕŽš,Æ^ê'v,μ,½•ŕŽš—  
ñ(^ê'v,μ,½Œ...□"•<sup>a</sup>),ð□uA□v□s,lŽw'è,Ă•İŠ·,μ,½•ŕŽš—ñ,ĂŠi"[

□E^X □F□uC□v□s,l{ } ,ĂŠ‡,Ă,½□§Œä•ŕŽš,Æ^ê'v,μ,½•ŕŽš—  
ñ(Žw'èŒ...□",É,È,é,æ,ϣ,É<ó",ðŒä,è,É'Ç%oÁ)  
,ð□uA□v□s,lŽw'è,Ă•İŠ·,μ,½•ŕŽš—ñ,ĂŠi"[

□E~x  
□F'O,lÀ²ÄÙ"»'è,ð□s,Ă,½□uS□v□s,l□ua□`z=□v,ĂŠO•"•İ□"a,©,  
çz,É•Û'ŕ,μ,½•ŕŽš—ñ(^ê'v,μ,½Œ...□"•<sup>a</sup>)  
,ð□uA□v□s,lŽw'è,Ă•İŠ·,μ,½•ŕŽš—ñ,ĂŠi"[

□E^x  
□F'O,lÀ²ÄÙ"»'è,ð□s,Ă,½□uS□v□s,l□ua□`z=□v,ĂŠO•"•İ□"a,©,  
çz,É•Û'ŕ,μ,½•ŕŽš—ñ(Žw'èŒ...□",É,È,é,æ,ϣ,É<ó",ðŒä,è,É'Ç

%oÁ),đ□uA□v□s,ìžw'è,Á•İŠ•,μ,½•¶Žš—ñ,ĂŠi"l  
 □EVLxx□F\$X,â&X,â\$X,â&x,ì¼'O,Á—LŒø,Á□CŠi"l,;é•¶Žš—  
 ñ,đxx(□"Žš2Œ...ŒÁ'è01□`80),ìŒ...  
 □",¾,□¶Šñ,¹,ĂŠi"l,đŽwŽ'□B•¶Žš—ñ,ªŒ...□",É—  
 ž,½,È,̄,ê,İŒă,ë,É<ó",đŠi"l□B  
 □EIRxx□F\$X,â&X,â\$X,â&x,ì¼'O,Á—LŒø,Á□CŠi"l,;é•¶Žš—  
 ñ,đxx(□"Žš2Œ...ŒÁ'è01□`80),ìŒ...□",¾,  
 %oEŠñ,¹,ĂŠi"l,đŽwŽ'□B•¶Žš—ñ,ªŒ...□",É—  
 ž,½,È,̄,ê,İ'Œ,É<ó",đŠi"l□B  
 □EICxx□Fxx(□"Žš2Œ...ŒÁ'è01□`80),ìŒ...,Ü,Ă<ó",đŠi"l  
 □E\ □Œă,İ•¶Žš,É±,{ } \ | ,đ,»,ì,Ü,Ü•¶Žš,Æ,μ,ĂŠi"l  
 □E,»,ì¼,İ•¶Žš□F,»,ì,Ü,ÜŠi"l  
 □@X,Í□uC□v□s,Ă,İ{ } ,ìžw'è□‡"Œ1□`9,10□`20,đ1□`9,A□`J,İ  
 %op□"Žš,É'u,«Š,İ,Ăžw'è,μ,Ü,□B  
 □@x,Í'Œ,İf^fCfƒf<'>»è,Ăžg,í,ê,½□uS□v□s,Ă,İa□`z=\$X,İŠŒ•"İ□"a□`z,đ  
 □Ca□`z,Ăžw'è,μ,Ü,□B  
 □E□uF=□v□Ff^fCfƒf<□î•ñ,İD,đ\$X,©\$x,©~X,©~x,Ăžw'è,μ,Ü,□BX,Æx,Í□uT=□v,İ  
 □à-¾,đŽQ□Æ□B%op□"Žš,Ă,Ă'ă8Œ...,Ü,ĂŠi"l,Ă,«,Ü,□B□È—  
 ª,;é,ÆID,È,μ,Æ,Ý,È,μ,Ü,□B  
 □E□ul=□v□Ff^fCfƒf<□î•ñ,İ"Œ¾"Œ□†,đ#X,©#x,©%X,©  
 %x,Ăžw'è,μ,Ü,□BX,Æx,Í□uT=□v,İ□à—  
 ¾,đŽQ□Æ□B10□i□"(□Ă'ă64,534,Ü,Ă),É•İŠ,μ,ĂŠi"l,μ,Ü,□B□È—  
 ª,;é,Æ0,Æ,Ý,È,μ,Ü,□B  
 □E□uC=□v□Ff^fCfƒf<□î•ñ,İfRf□f"fg□æ"Œ¾"Œ□†,đ#X,©#x,©%X,©  
 %x,Ăžw'è,μ,Ü,□BX,Æx,Í□uT=□v,İ□à—  
 ¾,đŽQ□Æ□B10□i□"(□Ă'ă64,534,Ü,Ă),É•İŠ,μ,ĂŠi"l,μ,Ü,□B□È—  
 ª,;é,Æ,È,μ,Æ,Ý,È,μ,Ü,□B□uT□v□s,Ă,Ă²İß,đ3,Éžw'è,μ,½žž,É^Œ—  
 j,đž□,ç,Ü,□B  
 □E□uN=□v□Ff^fCfƒf<□î•ñ,İf%oCfuƒf%oSŠ"Œ□†,(Ü,½,İ%oİ<cž"Œ□†),đ#X,©#x,©  
 %X,©%x,Ăžw'è,μ,Ü,□BX,Æx,Í□uT=□v,İ□à—  
 ¾,đŽQ□Æ□B10□i□"(□Ă'ă32,765,Ü,Ă),É•İŠ,μ,ĂŠi"l,μ,Ü,□B□È—  
 ª,;é,Æ0,Æ,Ý,È,μ,Ü,□B  
 □E□ua□`z=□v□F\$X,Ăžw'è,μ,½□uC□v□s,İ{ } ,Ăš‡,Ă,½□Œă•¶Žš,Æ^ê'v,μ,½•¶Žš  
 —ñ,đ□Ca,©,çz,İ26ŒĂ,İŠŒ•"İ□"("Ç,Ý□ž,Ý□^—□'†,İ□',«Š,İ,È,çŒĂ,è"à  
 —e•Ūž□,;é□C□Ă'ă80Œ...,Ü,Ă)  
 ,É□C•Ū'¶,;é□BŒă,İf^fCfƒf<'>»è,İ□uS□v□s,Ă\$X,©&x,©#x,©~x,©^x,©  
 %x,đžg,Ă,Ă—p,Ă,«,Ü,□B

—á□FS:X=4321,T={§1 §8/§9 \$A:\$B \$4 \$5},F=\$4,I=#1,N=#6,C=\$C

## uPvš

@æ<sup>a</sup>uP:v,ÅCf^fCf<sub>g</sub>f<<æ<sup>a</sup>Šr,îĦŮŠO,É,μ,½,ϕ•ŦŽš—  
ñ,đ128•ŦŽš^È`à,ÅŽw'è,μ,Û,·B,Pšs,¾,̄,μ,©Žw'è,Å,«,Û,¹,ñBŽw'è,<sup>a</sup>,é,ÆCNIFP/Win  
,Íf^fCf<sub>g</sub>f<<æ<sup>a</sup>Šr,đšs,α'O,É“Ç,Ýž,ñ,¾,Pšs,ìæ<sup>a</sup>,©,ç,±,İŽw'è,<sup>3</sup>,ê,½•ŦŽš—  
ñ,Æê'v,·,é,©”Šr,μCê'v,μ,½,çŽŸ,Ìšs,đ“Ç,Ýž,Ý,É,ϕ  
,«Cf^fCf<sub>g</sub>f<<æ<sup>a</sup>Šr,đf<sub>p</sub>fX,μ,Û,·B—á,Ħ,ÎCæ<sup>a</sup>ŦŽš,<sup>a</sup>u@v(«ó”)  
,ÅŽn,Û,é•ŦŽš—ñ,Íf^fCf<sub>g</sub>f<<æ<sup>a</sup>šs,É,Í,È,ϕêšCšup: v,ÆŽw'è,μ,Ä,;-  
,Æ“Ç,Ýž,Ý^—š,<sup>a</sup>-,É,è,Û,·Bæ<sup>a</sup>ŦŽš,<sup>a</sup>ó”,ìšs,Íê”Ê,É‘S'ì,ì,R,O““ö“x,àŠÛ,Û,ê,Ä,ϕ  
,é,©,ç,Å,·B  
@,Û,½CNIFP/Win,Å,ÍC%üšs,¾,̄,Ìšs,Íf^fCf<sub>g</sub>f<<æ<sup>a</sup>Šr,đšs,í,È,ϕ,æ,α  
,É,É,Ä,Ä,ϕ,Û,·B,±,ê,É,æ,é,‘-%»,Í-ñ,Q,O““ö“x,Ä,·B

—áFP:šš

## uAvs

@uAvs, lžd—l, íCæ“a, a uA: v, ÅC<CE•Źš—  
ñ, ð20•Źš^È“à, ÅŽw’è, µC u= v, É±, φ, ÄV•Źš—  
ñ, ð20•Źš^È“à, ÅŽw’è, µ, Ü, ·B uS v s, l\$X, &X, Å^ø—p, ·, é•Źš—ñ, ð<CE•Źš—  
ñ, Æ, µ, ÄC•İŠ·, µ, ½, φ•Źš—ñ, ðV•Źš—ñ, Æ, µ, Ü, ·B, ±  
, l s, í Å’á256 s, Ü, ÅŽw’è, Å, «, Ü, ·B  
, ±, lŽw’è, ð•İŠ·—~—p, Å, «, é, l, íC uS v s“à, ÆCfRfs [ <@”\  
, líÀb EİÀ E°iYÄbŽw’è C”CE¾<@”\, líÀb EİÀ EÒ¾°¼b•Źš—ñ C f f O ®—  
 <@”\, lftf@fCf<-¼Žw’è C—~—pŽÒfRf}f“fh<N“®<@”\, l^ø, «□”, Å, ·B

—áFA: %o½, ©, l%oi<c=FETC

***f fOfXfNfŠfvfg,ìì-žè`ø,«***

ˆÈ%°,ìžè±,ÅCf fOfXfNfŠfvfg,ðì¬,μ,Äs,«,Ü,μ,å,πB

- (1) f^fCf g f< ,đ' l,Ô
- (2) f^fCf g f< □î•ñ,đœ^,ß,é
- (3) fXfNfŠfvfg,ì'è<
- (4) fXfNfŠfvfg □ì¬,ì,±,Â,Æ' □^Ó“

## (1) f^fCf g f < , ð ' l , Ô

□ @ , Ü , , □ C □ i □ ¬ , μ , ½ , ϕ ' Ê □ M f □ f O , ð , æ , ' , ß , Ä □ C , Ç , ì □ s , © , ç , Ç , ±  
, Ü , Ä , ì □ s , ð f ^ f C f g f < , Æ , μ , Ä □ Ø , è □ o , , ì , © Æ ^ , ß , Ä , ϕ , « , Ü , · □ BNIFTY -  
Serve , ¾ , Æ " d Ž q f □ □ [ f < , ì ' — □ M , Æ , © f t f H □ [ f % o f € % o i < c Ž ° , Ì Ž ó □ M , ð ' l , Ô , ±  
, Æ , É , Ê , è , Ü , · , Ë □ B , Æ , ± , è , ^ a □ CNIFP / Win , Ä , Í , Ç , ± , Ü , Ä , ì □ s , Æ , ϕ , π , ì , Í Ž g — p , 1 , , 3 ( □ o — ^ , Ê , ϕ  
, Æ Æ ¾ , π , x , « , © ) □ C , Ç , ì □ s , © , ç , Æ □ i • ñ , ¾ , — , Ä f ^ f C f g f < , ð □ Ø , è □ o , μ , Ä , ϕ , « , Ü , · □ B □ ]  
, Ä , Ä □ C , Ç , ± , Ü , Ä , ì □ s , Æ , · , é , É , Í □ C " — , ¶ , © • Ê , Ê f ^ f C f g f < , Æ , μ , Ä , Ç , ±  
, Ü , Ä , ì □ s , Ì Ž Ÿ , ì □ s , ð □ C f ^ f C f g f < , ì , Ç , ì □ s , © , ç , Æ , μ , Ä ' è < ' , · , é • K — v , ^ a , , è , Ü , · □ B

□ @ NIFP / Win , Ä , Í □ C f ^ f C f g f < , ^ a • K , , □ e Ž q Š Ö Æ W , É , È , é • K —  
v , ^ a , , è , Ü , · , ì , Ä □ C □ e f ^ f C f g f < , Æ ^ ê " Ê f ^ f C f g f < , É • ^ a , — , Ä , -  
, ¾ , ^ a , ϕ □ B □ e Ž q Š Ö Æ W , Æ , Í □ C □ Ä □ l " l , É , Ü , Æ , ß , ½ , ϕ " à — e , ð ^ ê " Ê f ^ f C f g f < □ i — á , ì , Ì  
% o i < c Ž ° , Ì Ž ó □ M f f □ [ f ^ □ j , Æ , μ □ C , » , ì " à — e , ð Š Ç — □ , μ , Ä , ϕ , é , æ , π , È • " ^ a , ð □ e f ^ f C f g f < □ i , ±  
, ì □ ê □ † , Ì % o i < c Ž ° f ^ f C f g f < □ j , Æ , μ , Ü , · □ B □ e f ^ f C f g f < , É □ X , É □ e f ^ f C f g f < , ^ a , , é □ ê □ † □ i , ±  
, ì □ ê □ † , Ì % o i < c Ž ° ^ ê — □ j , à , , è , Ü , · □ B , μ , © , μ □ C □ e f ^ f C f g f < , Æ , μ , Ä " K " —  
, È , à , ì , ^ a , È , ϕ □ ê □ † , É , Í □ C % o ¼ , ì □ e f ^ f C f g f < , Æ , · , é , ± , Æ , Ä Ž Ä □ Û , ì □ e f ^ f C f g f < , ð ' è < ' , · , é • K — v , Ì ,  
, è , Ü , 1 , ñ □ B

**(2) f^fCf g f < i n , d O E ^ , B , e**

@ O , e o , u , 1/2 , f ^ f C f g f < , a O E ^ , U , A , 1/2 , c C N I F P / W i n , a K — v , A E , , e C ^ E % o , i f ^ f C f g f < i n , d O E ^ , B , U , . B

**E f ^ f C f g f < a — b f R [ f h**

@ f ^ f C f g f < , d a —

B , , e , 1/2 , B , E f R [ f h " O t , d S , , e , A , , U , . B ^ e " E f ^ f C f g f < , i 80 " 120 , i " O t , d C e f ^ f C f g f < , i 200 " 240 , i " O t , i t , c , c O E ^ , B , A , , 3/4 , 3 , f B f ^ f C f g f < v Z i , a " O E 3/4 @ " \ , a f f O @ — A , a z g , i , e , e d — v , E f R [ f h , A , , i , A C d . i , u , E , f , a e , a , E ' O , u , U , u , a , a B

**E f ^ f C f g f < i f ^ f C f u**

@ N I F P / W i n , i f R f f " f g f c f S [ Z z , E f ^ f C f g f < , a v Z i , 3 , e , e f ^ f C f v , d O E ^ , B , U , . B

f ^ f C f g f < v Z i , 3 , e , E , e , f C " O E 3/4 " O t , d O E 3 , E . A , N ' O , i , , E . v Z i , . e C " - O E 3/4 " O t , d O E 3 , E . A , N ' O , i , u , A . v Z i , . e C " O E 3/4 " O t , d O E 3 , E f R f f " f g " O t , A f c f S [ v Z i , . e , i , S , A , i f ^ f C f v , c , c ' i , n , A , , 3/4 , 3 , f B

**E e f ^ f C f g f < , A E , i S O ~ A . t , -**

@ e Z q S O O E W , a , e f ^ f C f g f < , i e t C , C , i e f ^ f C f g f < , A E S O O E W , a , e , c , d e f ^ f C f g f < , i a — b f R [ f h , A O E , N , A , , U , . B e Z q S O O E W , a , E , f e t , E , i E — a , , e , c C , O , A E , u , U , . B

**E f ^ f C f g f < i v Z i . i Z s — n**

@ f ^ f C f g f < % a e — E , E . v Z i , . e f ^ f C f g f < , d , C , i , a e , a , E . i Z s —

n , E , , e , c , d O E ^ , B , U , . B O O , e o , u , 1/2 s , » , i , a , i , E , u , 1/2 , e C s t , i . i Z s , d ^ o — p , u , A @ O E ^ , , e , A E , c o — ^ , U , . B

**E " O E 3/4 " O t**

@ f ^ f C f g f < v Z i Z z , E , e " O t t , E . A , n , A , f

, E , f Z z , E f Z f p f O E [ f ^ , A E O A , O a e O , e f ^ f C f g f < , a } " u , 3 , e , 1/2 , e C f R f f " f g f c f S [ Z z , E " O t t t , E . A , N ' O , i , 3 , e , 1/2 , e , e z z , E z g , i , e , e " O E 3/4 " O t , E C O O , e o , u , 1/2 s , i , C , t , i . i Z s , d z g , a , c , d O E ^ , B , U , . B ^ e " E f ^ f C f g f < , i z z , i , Y O — i , d z , i , U , . B

@ f f O , A f V [ f P f " f v f f f < , E z g , i , e , A , f , e " O t , a , f , f , A , u , a , a B O E » Z d — i , A , i C , P , O i i " , i " Z s , i , Y ( A ' a 65 , 534 , U , A ) , a — ~ — p , A , « , U , . B

**E f R f f " f g a e " O E 3/4 " O t**

@ f R f f " f g f c f S [ Z z , E " O E 3/4 " O t , d O E 3 , E f c f S [ v Z i , a s , i , e , U , , a C , t

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**(3) fXfNfŠfvfg, ì'è<**

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## 6.2 '¼,lf^fCfjf<□î•ñ,ìì□¬

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## 6.3 ,Ü,Æ,ß

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,U□D—~—pžŒfRf}f“fh<@”\,ìN“@fvf□fOf%of€<sup>a</sup>,ìžw'è  
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í,μ,Ā^ø,«□”,Ā“n,<sup>1</sup>Ü,·,ì,Ā□C•Ē,Éf□fO□@—□f\ftfg,ð—~—p,μ,½,è,Ā,«,Ü,·□B

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□E<sup>f</sup>fCf<sub>g</sub>f<,l□Å'â□",l□C65500,Ü,Å□B^ê"É"l,Èf□fO,l□Å'â—e—É,Í,©,é,fJfo□[μ,Ä,ç ,é,Í,,Ä,·□B

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<<□@fgfbfvf□fjf...□[□@>> □Ffgfbfvf□fjf...□[l□Ø,è□o,μ

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□™ ,g,o □Fî°ÑÉß°Ä",lÀ²ÄÜ•Ž!

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- %oi<cŽ° □Fì«°×Ñ%oi<cŽ°,lÀ²ÄÜ•Ž!

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- LIB (X):Åb°Å×²lþ×Ø □FÅb°Å×²lþ×Ø,l□Ø,è□o,μ

- MES(X) < f^fCf<sub>g</sub>f<^è— > □F%oi<cŽ°,l,q,s<@"\,l□Ø,è□o,μ

- MES(X) < "œ¾œY□ö > □F%oi<cŽ°,l,q,r<@"\,l□Ø,è□o,μ

- RTC:fŠfAf<f^fCf<sub>g</sub>f€%oi<c □Fì«°×Ñ,lØ±ÜA²Ñ%oi<c,l□Ø,è□o,μ

- BBS:œfŽ!"Å □Fì«°×Ñ,lœfŽ!"Å,l□Ø,è□o,μ

- NEWS:,"m,ç,¹,l□Ø,è□o,μ

- OPT:flfvfVf‡f"□Y'è □Fì«°×Ñ,lμlß¼@Y□Y'è,l□Ø,è□o,μ

##□@HP "œ¾□@## □Fî°ÑÉß°Ä",Ä,l"œ¾,l□Ø,è□o,μ

##□@MAIL "œ¾□@## □F"dŽqO"Ù,Ä,l"œ¾,l□Ø,è□o,μ

##□@%oi<cŽ°"œ¾□@## □F%oi<cŽ°,Ä,l"œ¾,l□Ø,è□o,μ

##□@"œ¾□@## □F"dŽqO"Ù,â%oi<cŽ°ÉŠO,Ä,l"œ¾,l□Ø,è□o,μ

##□@fQfXfg□î•ñ□@## □Fî°ÑÉß°Ä",âPATIO,lfQfXfg□î•ñ,l□Ø,è□o,μ

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## Žó□M^è— ## □F"dŽqO"Ù,lŽó□M^è—,l□Ø,è□o,μ

## '—□M•è ## □F"dŽqO"Ù,l'—□M•è,l□Ø,è□o,μ

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- E<sup>f</sup>fCf<sup>g</sup>f<•Ž|ff□[f^,í□Cftf@fCf<,©,çf□f,fŠ,É,.,x,Ä“Ç,Ý□ž,Ý,Ü,·□B
- E“à—e•Ž|,í□C<sup>f</sup>fCf<sup>g</sup>f<•Ž|ff□[f^“Ç,Ý□ž,ÝŽž,Éftf@fCf<îß²ÝÀ,ì,Ý,ð<L  
%ō,μ,Ä,;„«□C<sup>f</sup>fCf<sup>g</sup>f<‘l’ðŽž,Éftf@fCf<“Ç,Ý□ž,Ý,ð,μ,Ü,·□B,±,é,í□C•Ž|□“”\,^“„,È,é□^  
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- E<sup>f</sup>z□[f€fp□[fe<sup>f</sup>B,ì,h,c,Æμ°lßÆÝ,þf□fbfz□[fW,í□CŽÝ,ì,æ,π,É,μ,ÄŽæ,è,¾,μ,Ü,·□B
- @ID □FHP> ,^□oœ»,·,é‘O,í□FXXXXXXXX □s,©□C>MOVE XXXXXXXX  
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- E<sup>f</sup>tfH□[f%o<sup>f</sup>€,-¼‘O,í□CFORUM> ,©1:,“m,ç,¹,©1:ftfH□[f%o<sup>f</sup>€ŠT—v  
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- EPATIO%oï<cŽ°,í□CftfH□[f%o<sup>f</sup>€,ì%oï<cŽ°,Æ“̄,“f,æ,π,É□^—□,μ,Ü,·,^□CftfH□[f%o<sup>f</sup>€—  
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Í,μ,ÄfVfFfAfeFfA"Ô□†Žw'è,ð'í'ð,μ,Ä□C"o~^"Ô□†,P,W,O,ð"ü—  
Í,μ,Ä,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ϕ□B  
"o~^"Ô□†□@,P,W,O  
fNfœfWfbfgfJ□[fh,É,æ,éœ^□ĩ,ð□s,Á,Ä,ϕ,é□ê□†,ÉœÀ,é  
<sup>1</sup>/<sub>4</sub><sup>a±3a±</sup>'ä□s<sup>1</sup>/<sub>4</sub><sup>1</sup>/<sub>2</sub>ÄÑ,í□ê□†,í□C—ìŽû□',ì"□s,í□o—  
^,Ü,¹,ñ□BfNfœfWfbfg%oiŽĐ,ì^ø,«—Ž,Æ,μ-<sup>3</sup>/<sub>4</sub>□×□',ð,<sup>2</sup>—~—p,-  
<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ϕ□B

□@□iŽÒ,©,ç%oi~õ"Ô□†□ifVfFfAfeFfA'ä□s"Ô□†,Á,Í, ,è,Ü,¹,ñ□j,ªÊ'm,<sup>3</sup>,ê,<sup>1</sup>/<sub>2</sub>,ç□C•K,<sub>s</sub>  
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<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ϕ□Bê"x"o~^,·,é,Æ□C,ϕ,Ä,Ä,àŠm"F,·,é,±,Æ,<sup>a0</sup>%Ä"\,Ä,·□B,Ü,<sup>1</sup>/<sub>2</sub>□C  
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