

Žg—p<-‰oĀ,ª—v<□,³,è,Û,μ,½□B

[fzfLf...fŠfefB,ìCex□□] f_fCfAf□fO f{fbfNfX,É•\Ž,³,è,Ā,ç,éfAfNfZfXCE ,ª Java fAfvfCEfbfg,©,ç—
v<□,³,è,Û,μ,½□B]Java fAfvfCEfbfg,É,æ,Ā,Ā,í□AŽĀ□sŽž,É□Aft□fU□□[,ìfRf“fsf...□f^,É, ,éftf@fCf<,È,ç,ìfŠfĀ
□[fX,É Java fAfvfCEfbfg,©,çfAfNfZfX,·,é•K—v,ª, ,è,Û,·□BfRf“fsf...□f^,ìfŠfĀ
□[fX,ÉfAfNfZfX,·,é,É,í□A“Ā•Ē,ÈfAfNfZfXCE ,ª•K—v,Ā,·□BfAfNfZfXCE ,í□Afìfbfgf□□fNŠÇ—
□ŽO,É,æ,Ā,ĀŠù,ÉŽw'è,³,è,Ā,ç,é□è□#,ª, ,è,Û,·□BfAfNfZfX,ð<-‰oĀ,·,é□è□#,í□A,»],ìfAfNfZfXCE ,ª—
v<□,³,è,½,Æ,«,,Éft□fU□□[,É'É'm,·,é,æ,κ,ÉŽw'è,Ā,«,,Û,·□Bft□fU□□[,É'É'm,μ,È,ç,æ,κ,ÉŽw'è,μ,½□è□#,í□A<-
‰oĀ,³,è,½fAfNfZfXCE ,ð'´,ì,éfAfNfZfX,ª Java fAfvfCEfbfg,©,ç—v<□,³,è,½□è□#,¾,´'É'm,³,è,Û,·□B
,±,ì Java fAfvfCEfbfg,ðfCf“fXfg□f<,μ□AŽĀ□s,·,é,©,ç,κ,©,ð”»'f,·,é,É,í□A]Java fAfvfCEfbfg,ì□»'çCE³,Æ Java
fAfvfCEfbfg,©,ç—v<□,³,è,Ā,ç,éfAfNfZfXCE ,É,Ā,ç,Ā□\•ª,ÉCEŸ“ç,·,é•K—v,ª, ,è,Û,·□B,±,è,ç,ì“_ðCEŸ“ç
,μ,½CE<‰oĒ□A,±,ì Java fAfvfCEfbfg,ìŽĀ□s,É•s^Ā,ðŠ´,¶,é□è□#,í□A[fzfLf...fŠfefB,ìCex□□] f_fCfAf□fO
f{fbfNfX,ì [OK] ,ðfNfŠfbfN,μ□A[fzfLf...fŠfefB,ìCex□□] f_fCfAf□fO f{fbfNfX,ì [,ç,ç,ì]
,ðfNfŠfbfN,μ,ĀfCf“fXfg□f<,ð'tŽ~ ,μ,Ā,,¾,³,ç□B

fAfNfZfXCE ,É,Ā,ç,Ā,ì□U□x,í□AŽŸ,ì□€-Ú,ì,ç,·,è,©,ðfNfŠfbfN,μ□A□à-¾,ðŽQ□Æ,μ,Ā,,¾,³,ç□B

fNf‰fCfAf“fg fXfgfCE□fW

fjfxf^f€

ŽĀ□s

ftf@fCf< I/O

f}f:f`f□fffBfA

fìfbfgf□□fN I/O

^ó□ü

fVfXfef€ fvf□fpfefB

fŠftfCEfNfVf#f“

fCEfWfXfgfŠ

fZfLf...fŠfefB

fVfXfef€ fXfgfŠ□f€

fXfCEfbfh

ft□fU□□[fCf“f^□[ftfFfCfX fAfNfZfX

ft□fU□□[ftf@fCf< I/O

,“Žg,ç,ìfRf“fsf...□f^,É□Ÿ'è,³,è,Ā,ç,éfAfNfZfXCE ,ðŠm,©,ß,é•û-@,É,Ā,ç,Ā,í□AŽŸ,ì "ŠÖ~A□€-Ú"
,ðŽQ□Æ,μ,Ā,,¾,³,ç□B

{ button ,AL("A_IDH_SEC_ALERT_VIEW_JAVA_CUSTOM_SETTINGS")} ŠÖ~A□€-Ú

□Ý'è,ð•\Ž!Ü,½,í•ĩ□X,·,éAfNfZfX,iŽí—p,ª•\Ž!,³,ê,Ü,·□BfAfNfZfXCE ,ì□Ý'è,ð•ĩ!,é,É,í□A^ê——
,ĀfAfNfZfX,iŽí—p,ðfNfŠfbfN,μ□A%º,ìf{fbfNfX,Ā□Ý'è,ðŽw'è,μ,Ü,·□B

Žw'è,μ,½fAfNfZfX,đ<-‰oÂ,·,éftf@fCf<,ì-¼'O,đ"ü—í,·,é□ê□Š,Å,·□B-¼'O,đ"ü—í,·,é,©□A,Ü,½,í *.exe
,ì,æ,ı,Ëf□fCf<fhfj□[fh,đ"ü—í,μ□A['Ç‰oÁ] ,đfNfŠfbfN,·,é,Æ□A‰oº,í^ê—,É'Ç‰oÁ,³,ê,Ü,·□B

Žw'è,μ,½fAfNfZfX,đ<-%oÂ,·,éftf@fCf<,l^è—,ª•\Žl,³,ê,Ü,·□B

“ü—í,μ,½□€-Ú,ð^ê—,É'Ç%oÁ,μ,ÃfAfNfZfX,ð<-%oÁ,·,é,Æ,«,ÉfNfŠfbfN,μ,Ü,·□B

'l'đ,μ,½€-Ú,đ^ê—,©,çíœ,;,é,Æ,«,ÉfNfŠfbfN,μ,Û,·B

Žw'è,μ,½fAfNfZfX,đ<-‰oÂ,·,éftf@fCf<,l^è—,©,ç□œŠO,·,éftf@fCf<,l-¼'O,đ"ü—l,·,é□é□Š,Â,·□B

Žw'è,μ,½fAfNfZfX,đ<-‰oÂ,μ,È,çftf@fCf<,ì^ê—,ª•\Ži,³,ê,Ü,·□B

ftf@fCf< URL fR[]fh fx[]fX,Ö,lfAfNfZfX,ð<-‰Â,·,é,æ,α,É,μ,Û,·[]B

□Ý'è,đ•\Ž!,Ü,½,í•ĩ□X,·,éFfNfZfX,iŽí—p,ª•\Ž!,³,ê,Ü,·□B

Žw'è,μ,½fAfNfZfX,đ<-‰Â,·,éƒƒfWfXfgfŠ fL□[,ì-¼'O,đ"ü—í,·,é□ê□Š,Â,·□B-¼'O,đ"ü—í,μ□A[‘Ç‰Á]
,đNfŠfbfN,·,é,Æ□A‰°,ì^ê—,É'Ç‰Á,³,ê,Ü,·□B

Žw'è,μ,½fAfNfZfX,ð<-‰oÂ,·,éfŒfWfXfgfŠ fL□[,ì^ê—,ª•\Ž!,³,ê,Û,·□B

Žw'è,μ,½fAfNfZfX,đ<-‰oÂ,·,éfĈfWfXfgfŠ fL□[,ì^ê—,©,ç□œŠO,·,éfĈfWfXfgfŠ fL□[,ì-¼'O,đ"ü—
í,·,é□ê□Š,Ā,·□B

Žw'è,μ,½fAfNfZfX,δ<-‰oÂ,μ,È,cfŒfWfXfgfŠ fL□[,î^ê—,ª•\Ž!,³,ê,Û,·□B

f_fCfAfO f{fbfNfX,ììì-,ð<-%oÂ,μ,Û,-B

fgfbfv fCEfxf< fEfBf“fhfE,ìì□□¬,ð<-‰oÂ,μ,Û,·□B

Java fAfvfCEfbfg, ©, çfgfbfv fCEfxf< fEfBf“fhfE, ìì□¬, ¢—v<□, ¢, ê, ½, Æ, «, ÉCEx□□, ð•\Ž!, ·, é, æ, ¢, É, μ, Û, ·□B

ï•ñ,ì∅,èŽæ,èAfRfs[A,“,æ,Ñ“\,è•t,ÉfRf“fsf...[f^,ìfNfŠfbvf{[fh,ðŽg,α,±,Æ,ð<-‰Â,μ,Û,·B

fvfXfef€ fvf□pfefB,É'í,·,é-³□SCEÀ,ìfAfNfZfX,ð<-‰oÂ,μ,Û,·□B

fVfXfef€ fvf□pfefB,ÆŠg'£Žq,đŽw'è,μ,ÄfAfNfZfX,đ<-‰oÂ,Û,½,í<ÖŽ~,·,é,æ,π,É,μ,Û,·□B

fAfNfZfX,đ<-‰oÂ,·,éŠg'£Žq,đ“ü—í,·,é□ê□Š,Å,·□B

fAfNfZfX,đ<-‰oÂ,·éfVfXfef€ fvf□fpfefB,đ“ü—í,·,é□ê□Š,Å,·□B

fAfNfZfX,đ<-‰oÂ,μ,È,čVfXfef€ fvfpfefB,đ“ü—í,·,éêŠ,Â,·B

,±,ìpfufŠfbfN fp□[f~fbfVf#f“ flfufWfFfNfg,ÉŠÖ~A•t,¯,ç,ê,Ä,ç,éf□□[f_□[f^fCfv,đŽg—p%oÂ“\,É,μ,Ü,·□B

,±,ìpfufŠfbfN fp[]f~fbfVf#f“ flfufWfFfNfg,ÉŠÖ~A•t,¯,ç,ê,Ä,ç,éf[]f_[]^ÈŠO,ìf[]f_[],đŽQ[]Æ,μ,Ä,ç
.éf[]f_[] f^fCfv,đŽg—p%oÄ”\,É,μ,Û,·[]B

fpfufŠbfN fvfxfe€ fNf%fx,đŽQ□/E,μ,Ä,č,é□□[f_□[f^fCfv,đŽg—p%oÂ"\,É,μ,Ü,·□B

,±,ìfp□[f~fbfVf#f“ flfufWfFfNfg,ÉŠÖ~A•t,¯,ç,ê,Ä,ç,éf□□[f_□[f^fCfv,ðŽg—p%oÂ“\,É,μ,Ü,·□B

,±,ìfp[]f~fbfVf#f“ flfufWfFfNfg,ÉŠÖ~A•t,¯,ç,ê,Ä,ç,éf[]f_[]^ÈŠO,ìf[]f_[],đŽQ[]Æ,μ,Ä,ç
,éf[]f_[] f^fCfv,đŽg—p%oÄ”\,É,μ,Û,·[]B

□éĈ^{3/4},³,ê,^{1/2}vJXfēf€ fNf%ofX,đŽQ□Æ,μ,Ä,ϕ,éf□□[f_□[f^fCfv,đŽg—p%oÂ"\\,É,μ,Û,·□B

ft[fU[,^aŽw'è,μ,½ê‡,íAJava fAfvfEfbfg,É,æ,éftf@fCf<,ì“Ç,ÝŽæ,è,ð<-‰oÂ,μ,Ü,·B

ft[fU[,^aŽw'è,μ,½ê‡,íAJava fAfvfEfbfg,É,æ,éftf@fCf<,ì',«ž,Ý,đ<-‰Â,μ,Û,·B

Java fAfvfCEfbfg,ÅŽg—p,Å,«,éfffBfXfN—ì^æ,ìfTfCfY,ðŽw'è,μ,Û,·□B

ft[]fU[],^a,·,×,Ä,lfCf“f^[]f|fbfg ftj@fCf<,É'î,μ,ĂŽw'è,μ,½fffBfXfN—ì^æ,ì[]\$CEÀ,^a Java fAfvfCEfbfg,É“K—
p,³,ê,È,ç,æ,α,É,μ,Û,·[]B

^Ú“ @ftf@fCf<, ìòì¬, ð<-‰oÂ, µ, Û, ·□B^Ú“ @ftf@fCf<, í□Aft□[fU□[, ìfvf□ftf@fCf<“à, Éòì¬, ³, ê, Û, ·□B, , éft□[fU□[
, ³f□fOflf“, µ, ½fRf“fsf...□[f^, É, í□A, » , ìft□[fU□[, ì^Ú“ @ftf@fCf<, ²•Ú‘¶, ³, ê, Û, ·□B

[ŽÄs,ð<-‰oÂ] f{fbfNfX,ÅŽw'è,μ,½fAfvfŠfP[fVf#f“,ðŽÄs,Å,«,é,æ,α,É,μ,Ü,·B

ŽÀs,Å,«,é,æ,π,É,·,évf[]fOf%of€,ðŽw'è,·,é[]ê[]Š,Å,·[]B

ŽÀs,Å,«,È,ç,æ,π,É,·,éfvf[]fOf%of€,ðŽw'è,·,é[]ê[]Š,Å,·[]B

fXfCEfbfh flfufWfFfNfg,É'í,·,é-³□SCEÀ,lfAfNfZfX,ð<-‰oÂ,μ,Ü,·□B

fXfCEfbfh fOf<[]fv,Éî,·,é-³[]SCEÀ,ìfAfNfZfX,ð<-‰oÂ,μ,Û,·[]B

• W□€“ü—lfXfgfŠ□[f€,ì□Ý'è,ðfp□[f~fbfVf†f“ fIfufWfFfNfg,É,æ,Á,Ä<-‰oÂ,·,é,æ,α,É,μ,Ü,·□B

• W□€□o—ÍXfgfŠ□[f€,ìŸ'è,ðfp□[f~fbfVf†f“ fIfufWfFfNfg,É,æ,Á,Ä<-%oÂ,·,é,æ,π,É,μ,Û,·□B

fGf%o[o—ÍXfgfŠ[f€,ìÝ'è,ðfp[f~fbfVf+f“ flfufWfFfNfg,É,æ,Á,Ä<-%oÂ,·,é,æ,α,É,μ,Ü,·B

PrintingPermission ,đŠ—L, :éfNf%ofX,É^óüfT[fxfX,iŽg—p,đ<-%oÂ,μ,Û,·B

Microsoft® DirectX® API ,iŠg'£<@"\,Ö,İfAfNfZfX,đ<-‰Â,μ,Û,·□B

JDK ,lfZfLf...fŠfefB fNf%ofX **java.lang.security** ,Ö,lfAfNfZfX,đ<-‰oÂ,μ,Ü,-□B

□Ý'è, ð•\Ži, Ü, ½, í•ĩ□X, ·, é'É□M, iŽí—p, a•\Ži, ³, è, Ü, ·□BŽŸ, ì•\, í□A'É□M, iŽí—p, Æ□Ý'è, ì^è—, Ä, ·□B

□Ý'è

'É□M, iŽí—p

“Á'è, ìfzfXfg, Ö, ì'É□M, ÉŠÖ, ·, é^è”É“i, È□Ý'è

□Ú'±

“Á'è, ìfCf“f^□[ftfFfCfX, âf|□[fg, É'í, ·, é□Ú'±

fofCf“fh

“Á'è, ìf}f<f`fLfffXfg fOf<□[fv, Ö, ìŽQ%oÁ

f}f<f`fLfffXfg

ÆÂ•É, ìf|□[fg, É□Ý'è, ³, è, Ä, ç, é<K'¥, É—D□æ, ·, é□Ý'èfOf□[fof< f|□[fg

Žw'è,μ,½'É□M,δ<-‰°Á,·,ézfXfg,Æf|□[fg,ì-¼'O,đ"ü—í,·,é□ê□Š,Å,·□B-¼'O,đ"ü—í,μ□A['Ç‰°Á]
,đNfŠfbfN,·,é,Æ□A‰°°,ì^ê—,É'Ç‰°Á,³,è,Ü,·□B

Žw'è,μ,½'É□M,đ<-‰oÂ,·,ézfXfg,Æf|□[fg,ì^ê—,ª•\Ž!,³,ê,Û,·□B

Žw'è,μ,½'É□M,đ<-‰oÂ,;ézfXfg,Æf|□[fg,î^è—,©,ç□œŠO,;ézfXfg,Æf|□[fg,î-¼'O,đ"ü—í,;é□ê□Š,Å,-□B

Žw'è,μ,½'É□M,đ<-‰°Â,μ,È,†fzfXfg,Æf|□[fg,î^ê—,ª•\Ži,³,ê,Û,·□B

File URL ,ÉÚ±,·,é,æ,π,É,μ,Û,·B

File URL ,Å,È,ç URL ,ÉÚ±,·,é,æ,π,É,μ,Û,·B

ffXf^f€E CEÀ,i-¼'O,Æff□[f^,ð"ü—í,·,é□ê□Š,Å,·□B-¼'O,Æff□[f^,ð"ü—í,μ□A['Ç%oÁ] ,ðfNfŠfbfN,·,é,Æ□A
%oo°,í^ê—,É'Ç%oÁ,³,ê,Ü,·□B

$\|f\|_{X^{\alpha}} = \sup_{x \in \mathbb{R}^n} |f(x)|$ for $\alpha = 0$, $\|f\|_{X^{\alpha}} = \sup_{x \in \mathbb{R}^n} |f(x)| + \sup_{x \neq y} \frac{|f(x) - f(y)|}{|x - y|^{\alpha}}$ for $\alpha > 0$.

fZfLf...fŠfefB fCefxf<,ð□, (□Å,à^À'S) ,É□Ý'è,·,é,Æ,«,ÉfNfŠfbfN,μ,Ü,·□B

fZfLf...fŠfefB fCefxf<,đ't,É□Ý'è,·,é,Æ,«,ÉfNfŠfbfN,μ,Ü,·□B

ffXf^f€[Y'è,ð•\Ž|,.,é,É,í

Java ,ífAfNfZfXCE ,íAflfbfgf[fNŠÇ—ŽÒ,ª Internet Explorer ŠÇ—ŽÒfLfbfg (IEAK)
,ðŽg,Á,ÄY'è,μ,Û,·B'ÉíAflfbfgf[fNŠÇ—ŽÒ,ªŽw'è,μ,½Y'è,ðft[fU[.ª•í,|,é,±,Æ,í,Á,«,Û,¹,ñ,ªA•\
Ž|,.,é,±,Æ,í,Á,«,Û,·BŽY,ìŽè±,ÁY'è,ð•\Ž|,μ,Û,·B

- 1 fffXfNfgfbfv,ì [fCf“f^[flfbfg] fAfCfRf“,ðf}fEfX,ì%Ef{f^f“,ÁfNfŠfbfN,μA[fvffpfefB]
,ðfNfŠfbfN,μ,Û,·B
- 2 [fZfLf...fŠfefB] f^fu,ðfNfŠfbfN,μA[ffXf^f€] ,ðfNfŠfbfN,μ,Û,·BŽY,ÉA[Y'è] ,ðfNfŠfbfN,μ,Û,·B
- 3 ^è—,Á [Java] ,ì [ffXf^f€] ,ðfNfŠfbfN,μ,Û,·B
- 4 f_fCfAfO f{fbfNfX,É•\Ž|,ª,è,½ [Java fffXf^f€[Y'è] ,ðfNfŠfbfN,μ,Û,·B

- '
- [ffXf^f€ fAfNfZfXCE] f_fCfAfO f{fbfNfX,ì%º[.É [•O[W] f{f^f“,ª•\Ž|,ª,è,Ä,ç
,éè±,íA[Y'è,ð•íX,Á,«,Û,·B
- [•O[W] f{f^f“,ª•\Ž|,ª,è,É,çè±,íAft[fU[.ªY'è,ð•í,|,é,±,Æ,í,Á,«,Û,¹,ñB[Y'è,ð•í,|,é•K—
v,ª, ,éè±,íAflfbfgf[fNŠÇ—ŽÒ,É,“-â,ç±,í,¹,¾,ª,çB

{button ,AL("A_IDH_SEC_ALERT_MORE_INFO")} ŠÖ~A€-Ú

,±,ìf_CfAf□fO f{fbfNfX,ð•Â,¶□A•ï□X“à—e,ð•Û‘¶,µ,Û,·□B

•ĩX“à—e,đ•Ű‘ŕ,¹,,ÉA,±,lf_CfAfO f{fbfNfX,đ•Â,ŕ,Ű,·B

[f] [f" fGfffBf^] f_fCfAf_fO f{fbfNfX

fAfNfZfXCE , íA[-ç[]-¼]A[<-%oÂ[]í,Ý]A,Ü,½,í [fNfGfŠ[][<'""Ü] ,ÉŠ,,,è"-,Ä,é,±,Æ,ª,Å,«,Ü,·B[-ç[]-¼]
,Ü,½,í [<-%oÂ[]í,Ý] ,ÉŠ,,,è"-,Ä,Ä,ç,È,çfAfNfZfXCE ,íA,·,x,Ä [fNfGfŠ[][<'""Ü] ,ÉŠ,,,è"-,Ä,ç,é,Ü,·B
[fNfGfŠ[][<'""Ü] ,ÉŠ,,,è"-,Ä,½fAfNfZfXCE ,ì,π,ζA"Á"è,ìfAfNfZfXCE ,ø [fNfGfŠ[]] ,ÉŠ,,,è"-
,Ä,é,ÆAŽc,è,ìfAfNfZfXCE ,ª [<'""Ü] ,ÉŠ,,,è"-,Ä,ç,é,Ü,·B<t,ÉA"Á"è,ìfAfNfZfXCE ,ø [<'""Ü] ,ÉŠ,,,è"-
,Ä,é,ÆAŽc,è,ìfAfNfZfXCE ,ª [fNfGfŠ[]] ,ÉŠ,,,è"-,Ä,ç,é,Ü,·B
,·, x, Ä, ìfAfNfZfXCE ,ø<-%oÂ,·,é,É,íA[Š@'S,ÈCE CEÀ,ø<-%oÂ,·,é] f`fFfbfN f{fbfNfX,øfif" ,É,·,é,ÆAí
%ož,·,éf_fCfAf_fO f{fbfNfX,Å,·, x, Ä, ìfAfNfZfXCE ,ø<-%oÂ,·,é,æ,π,ÉŽw'è,·,é•K—v,í, ,è,Ü,¹,ñB

[fjfx^f€ fAfnzfxc] f_cfafo f{fbfnfx

,±,lf_cfafo f{fbfnfx,É,íAflfbfgf[]fNšç—žò,É,æ,Á,Äžw'è,³,è,Ä,ç,é Java ,lfjfx^f€Ÿ'è,ª•\ Ž|,³,è,Ü,·B

Java fAvfCfbfg,É,æ,Á,Ä,íAžÀsžž,ÉAft[]fU[],lfrf"fsf...[]f^,É, ,étf@fCf<,È,Ç,lšf[]fX,É Java fAvfCfbfg,©,çAfnzfX,·,é•K—v,ª, ,è,Ü,·Bfrf"fsf...[]f^,lšf[]fX,ÉfAfnzfX,·,é,É,íA"Á•È,ÉfAfnzfXCE ,ª•K—v,Á,·BfAfnzfXCE ,íAflfbfgf[]fNšç—žò,É,æ,Á,Äšù,Éžw'è,³,è,Ä,ç,éèèª,ª, ,è,Ü,·BfAfnzfX,ð< -%Á,·,éèèª,íA,»,)fAfnzfXCE ,ª—v<ª,³,è,½,Æ,«,Éft[]fU[],É'É'm,·,é,æ,ª ,Éžw'è,Ä,«,Ü,·Bft[]fU[],É'É'm,µ,È,ç,æ,ª,Éžw'è,µ,½èèª,íA<-%Á,³,è,½fAfnzfXCE ,ð'´,!,éfAfnzfX,ª Java fAvfCfbfg,©,ç—v<ª,³,è,½èèª,¾,´É'm,³,è,Ü,·B

,±,lf_cfafo f{fbfnfx,É,í 3 ,Á,lf^fu,ª, ,èA,»,è,¼,è,lf^fu,íAfnzfXCE ,l'g,Ýª,í,¹,É'í%ž,µ,Ä,ç,Ü,·B

f^fu CE CEÀ

-ç[]-¼ []-¼,ì,È,çf_fEf"f[]fh fRf"fef"fc,Éš,,,è"-,Ä,ç,è,Ä,ç,éAfnzfXCE

CEx[] ,È,µ,Á<-%Á,í,Ýft[]fU[],Éšm"F,¹, ,Éš,,,è"-,Ä,ç,è,éAfnzfXCE

<'""Ü ft[]fU[],Éšm"F,µ,Ä,©,çš,,,è"-,Ä,ç,è,é,©A,Ü,½,í,É<Öž~ ,³,è,Ä,ç,éAfnzfXCE

Šef^fu,É,íAžž,ì,æ,ª,ÉfAfnzfXCE ,ªš,,,è"-,Ä,ç,è,Ä,ç,Ü,·B

fN%fCfa"fg fXfgf[]fW

lfjfx^f€

žÀs

ftf@fCf< I/O

f}f<f`f[]ffBfA

flfbfgf[]fN I/O

^óü

fVxfefe€ fvf[]fpfefB

fšftfCfNfVf#f"

fCfWfXfgfš

fZfLf...fšfefB

fVxfefe€ fXfgfš[]f€

fXfCfbfh

ft[]fU[]_fcf"f^[]ftfFfCfX fAfnzfX

ft[]fU[]_ftf@fCf< I/O

[ftf@fCf< I/O] f^fu

, ±, ĩf^fu, Å, íA fA fN fZ fX CE , đ<-‰Å, , éftf@fCf<, đŽw'è, μ, Û, ·B•W€
, ĩY'è, Å, íA, , x, Å, ĩftf@fCf<, œŠO, ³, è, Ä, ç, é, ½, ßAœŠO, , éftf@fCf<, đŽw'è, , é•K—v, í, , è, Û, ¹, ñB, ½, ¾,
μA<-
‰Å, , éftf@fCf<, ĩW# , ÉœŠO, μ, ½, çftf@fCf<, ŠÛ, Û, è, éê# , íAœŠO, , éftf@fCf<, đŽw'è, μ, Û, ·B, ½, Æ, !,
îA f}f<f` ffffBfA ftj@fCf< (*.avi) , đ<-‰Å, , éftf@fCf<, É'Ç‰Å, μ, ½ê# , íA'Á'è, ĩf}f<f` ffffBfA ftj@fCf<
(MyFile.avi , È, Ç) , đœŠO, , é, ±, Æ, ³, Å, «, Û, ·B["Ç, ÝŽæ, è]A[, «ž, Ý]A, , , æ, Ñ [íœ] , ĩ 3 Ží—
p, ĩfA fN fZ fX, É, Å, ç, Ä^Û, È, éfA fN fZ fX CE , đŽw'è, , é, ±, Æ, ³, Å, «, Û, ·B

'
▪ , ±, ĩf_CfA fO f{f b fN fX, É, íA€—Ú, ², Æ, Éf w f<fv, ³, , è, Û, ·B f w f<fv, đ•Ž!, , é, É, íA—Ú"l, ĩ€—
Ú, đ'1'đ, , é, ©A, Û, ½, ĩfN fS f b fN, μA F1 fL[, đ‰Y, μ, Å, , ¾, ³, çB

[fCfWfXfgfŠ] f^fu

, ±, ĩf^fu, Å, íA fA fN fZ fX CE , đ<-‰Å, , éfCfWfXfgfŠ fL[, đŽw'è, μ, Û, ·B•W€
, ĩŸ'è, Å, íA, , x, Å, ĩfCfWfXfgfŠ fL[, œŠO, ³, è, Å, †, é, ½, B A œŠO, , éfCfWfXfgfŠ fL[, đŽw'è, , é•K—
v, í, , è, Û, ¹, ñB, ½, ¾, μA<-‰Å, , éfCfWfXfgfŠ fL[, ĩ‰º, ĩŠK'w, ÉœŠO, μ, ½, †fCfWfXfgfŠ
fL[, œŠÜ, Û, è, éê†, íA œŠO, , éfCfWfXfgfŠ fL[, đŽw'è, μ, Û, ·B, ½, Æ, , í AHKEY_CURRENT_USER , đ<-
‰Å, , éfCfWfXfgfŠ fL[, É'Ç‰Å, μ, ½ê†, í AHKEY_CURRENT_USER , ĩ‰º, ĩŠK'w, É, , é
HKEY_CURRENT_USER\NETWORK , đœŠO, , é, ±
, Æ, ³, Å, ‹, ·B[“Ç, ŸŽæ, è]A[‘, ‹ž, Ÿ]A[íœ]A[í]A, , æ, Ñ [Š], , ĩ 5 Ží—p, ĩA fN fZ fX, É, Å, †
, Å^Û, È, éA fN fZ fX CE , đŽw'è, , é, ±, Æ, ³, Å, ‹, ·B

'
▪ , ±, ĩf_C fA fO f{f b fN fX, É, íA €-Ú, ², Æ, Éf w f v, ³, , è, Û, ·B f w f v, đ•Ž!, , é, É, íA-Ú“l, ĩ€-
Ú, đ'ı'đ, , é, ©A, Û, ½, ĩfN fŠ f b fN, μAF1 fL[, đ‰Ÿ, μ, Å, ¾, ³, †B

[UI] f^fu

,±

,lf^fu,Å,í□Aft□lfU□[fCf“f^□[ftfFfCfX,ÉŠÖCEW,.,éfAfnfzfxCE ,ðŽw'è,μ,Û,·□B,½,Æ,!,î□AfeFbf“fhfE,âf_fCfA
f□fO f{fbfNfX,ì□ì□¬,ð<-‰Å,μ,½,è□A.ini ftf@fCf<,È,Ç,lfvfXfef€ fvf□fpfefB,Ö,lfAfnfzfx,ð<-‰Å,μ,½,è□A-
â,ç□#,í,¹,ÉŽg,æ□î•ñ,ì□\‘ç,ðCE^'è,·,é,½,ß,É□î•ñ,ðf`ffbfN,·,é,±,Æ,ð<-
‰Å,μ,½,è,Å,«,Û,·□BŽw'è,μ,½fAfnfzfxCE ,í□A[fjfxf^f€ fAfnfzfxCE] f_fCfA□fO f{fbfNfX,É•\
Ž!,³,è,Û,·□B,Û,½□A<-‰Å,³,è,Ä,ç,éfAfnfzfxCE ,ð'´!,éfAfnfzfx,ª Java fAfvfCEfbfg,©,ç—
v<□,³,è,½□è□#,É□A[fzflf...fŠfefB,ìCEx□□] f_fCfA□fO f{fbfNfX,É•\Ž!,³,è,Û,·□B

'□

▪ ,±,lf_fCfA□fO f{fbfNfX,É,í□A□€-Ú,²,Æ,Éfwf<fv,ª ,è,Û,·□Bfwf<fv,ð•\Ž!,·,é,É,í□A-Ú“l,ì□€-
Ú,ð'1'ð,·,é,©□A,Û,½,lfNfŠfbfN,μ□AF1 fL□[,ð‰Y,μ,Å,,¾,³,ç□B

[,»,ì¼] f^fu

,±,ìf^fu,Å,íAftf@fCf<,ì“Ç,ÝŽæ,èA□',«□ž,Ý□A•Ú'¶□Afvf□fOf%of€
,ìŽÀ□s□Afxfcefbfh,ì□ì□-,È,Ç,É'Í,.,éfAfnfzfxce ,ðŽw'è,μ,Ü,·□BŽw'è,μ,½fAfnfzfxce ,í□Alfjfxf^f€
fAfnfzfxce] f_fcFAf□fO f{fbfNfx,É•\Ž!,³,è,Ü,·□B,Ü,½□A<-%oÅ,³,è,Ä,ç,éfAfnfzfxce ,ð'´,|,éfAfnfzfx,^²
Java fAfvfcefbfg,©,ç—v<□,³,è,½□ê□#,É□Alfzflf...fšfefB,ìCex□□] f_fcFAf□fO f{fbfNfx,É•\Ž!,³,è,Ü,·□B

'□
▪ ,±,ìf_fcFAf□fO f{fbfNfx,É,í□A□€-Ú,^²,Æ,Éfwf<fv,^²,è,Ü,·□Bfwf<fv,ð•\Ž!,.,é,É,í□A-Ú"l,ì□€-
Ú,ð'ì'ð,.,é,©□A,Ü,½,ífNfSfbfN,μ□AF1 fL□[,ð%oŸ,μ,Ä,¾,¾,ç□B

[f]bfgf [fN I/O] f^fu

, ±, ĩf^fu, Å, íA<-‰Å, ·, éÚ' ±, ìŽí—p, ÆAÚ' ±, ð<-‰Å, ·, ézfXfg, Æf [fg, ðŽw' è, μ, Ü, ·B•W€
, ìY' è, Å, íA, ·, x, Å, ĩzfXfg, Æf [fg, œŠO, ³, è, Å, ç, é, ½, B A œŠO, ·, é€-Ú, ðŽw' è, ·, é•K—v, í, , è, Ü, ¹, ñB, ½,
¾, μA<-‰Å, μ, ½€-Ú, ìW, ÉœŠO, μ, ½, ç€-Ú, œŠÜ, Ü, è, éê, íAœŠO, ·, é€-
Ú, ðŽw' è, μ, Ü, ·B [Ú' ±] A [fofCf"fh] A [f}f·f·fLfffXfg] A, ", æ, Ñ [fof [fof· f [fg]], ì 4 Ží—p, ìÚ' ±, É, Å, ç
, Å^Ü, È, éAfnfzfxce , ðŽw' è, ·, é, ±, Æ, ³, Å, «, Ü, ·B

'

▪ , ±, ĩf_cfAfo f {fbfnfx, É, íA€-Ú, ², Æ, Éfwf·fv, ³, , è, Ü, ·Bfwf·fv, ð·\Ž!, ·, é, É, íA-Ú"l, ì€-
Ú, ð'1'ð, ·, é, ©A, Ü, ½, ĩNfSfbfn, μAF1 fL [, ð‰Y, μ, Å, , ¾, ³, çB

[fjXf^f€] f^fu

,±,if^fu,Å,íA-¼'O,âff[f^ f^fCfv,ÅfjXf^f€ fAfNfZfXCE ,ìÝ'è,ðŽw'è,μ,Û,·B

'□

▪ ,±,if_CfAf□fO f{fbfNfX,É,íA□€-Ú,²,Æ,Éfwf<fv,^a, ,è,Û,·□Bfwf<fv,ð•\Ž!,.,é,É,íA-Ú"l,ì€-Ú,ð'ì,ð,·,é,©□A,Û,½,ífNfSfbfN,μ□**AF1** fL□[,ð%oÿ,μ,Å,,¾,³,ç□B

ft@fCf<,Ö,lfAfNfZfX,ì—v<□□A,Ü,½,Íft@fCf<,Ö,lfAfNfZfX,É'í,·éfAfNfZfXCE □B

flfbfgf[]fN'€i,âflfbfgf[]fNŠÖ~A,î^—,ì—v<[]A,Ü,½,í,±,ê,ç,ì'€i,É'í,·,éjAfNfZfXCE []B

fXfCfbfh,âfXfCfbfh fOf<[fv,ðïï¬,µ,½,èA'€ï,µ,½,è,Å,«,é,æ,α,É,·,éfAfNfZfXCE □B

fOf□□[fof< fVfXfef€ fvf□fpfefB,Ö,ÿAfNfZfX,â'€□ì,ì—v<□□A,Ü,½,í,±,ê,ç,ì'€□ì,É'í,·,éfAfNfZfXCE □B

,Ù,©,ìfAfvfŠfP[]fVf#f“,đŽÀ[]s,:é—v<[]A,Û,½,í,Ù,©,ìfAfvfŠfP[]fVf#f“,đŽÀ[]s,Å,«,é,æ,α,É,:éfAfvfZfXCE []
B

fŠftfCEfNfVf#f“ ,ì‘€□i,đŽÀ□s,·,é—v<□□A,Ü,½,ÍfŠftfCEfNfVf#f“ API ,đŽg,Á,Ä“Á’è,ÍfNf
%ofX,Íf□f“fo,ÉfAfNfZfX,Å,«,é,æ,π,É,·,éfAfNfZfXCE □B

^óü API ,ÉfAfNfZfX,Å,«,é,æ,α,É,; ,éfAfNfZfXCE □B

fCfWfXfgfŠ fL[],ÉfAfNfZfX,·,é—v<[]A,Ü,½,ÍfCfWfXfgfŠ,ÉfAfNfZfX,Å,«,é,æ,π,É,·,éfAfNfZfXCE []B

JDK fZfLf...fŠfefB fNf%ofX **java.lang.security** ,ÉfAfNfZfX,Å,«,é,æ,α,É,; ,éfAfNfZfXCE □B

^êŽž“l,Èî•ñ,ð•Ù‘¶,·,é,½,ß,ÉŽg,κÅ‘å 1MB ,ì^êŽž“l,È—ì^æ,ðA□□-
¼ï,ÝfRf“fef“fc,ì,½,ß,Éî□□→,Å,«,é,æ,κ,É,·,éAfNfZfXCE □BJava fAfvfCEfbfg,í□Aft□[fU□[,ìfn□[fh
fffBfXfN,É, ,é,Ù,©,ìftf@fCf<,Éí,·,é“Ç,ÝŽæ,è,â□’,«□ž,Ý,í<-‰Å,³,è,Ü,¹,ñ□B□□-¼ï,Ý,ì Java
fAfvfCEfbfg,í□AŽ©•ª,Å□î□→,μ,½^êŽž“l,È—ì^æ,¾,¯,ÉfAfNfZfX,Å,«,Ü,·□B,±,ìCE CEÀ,ð—
^,ì,é,Æ□A’tfCEfxf<,ìfZfLf...fŠfefB,É,È,è,Ü,·□B

ft[fU[fCf“f^[ftfFfCfX API ,iŠg'£<@"\,đŽg—p,;é—v<□□A,Û,½,í AWT ,iŠg'£<@"\,ì^ê•",đŽg—
p,Â,«,é,æ,Ɂ,É,·,éfAfnfzfxCE □B

`java.lang.System.in` `java.lang.System.out` `java.lang.System.err`

ft[]fU[],iŠm" F,đ•K—v,Æ,·,é"ü□o—í'€□i,ì—v<□□A,Ü,½,í,±,ê,ç,ì'€□i,É'í,·,éjAfNfZfXCE □B

Šg'£f}f`f`ffBfA<@"\,ðŽg—p,Å,«,é,æ,α,É,:éAfNfZfXCE □B

ffXf^f€'€ò,ðs,κ—v<òòA,Ü,½,íffXf^f€'€ò,É'í,·,éAfNfZfX€ òB

