

# fXfyfVfff<,Ë,±,Ü,ñ,Û,T,V□t,ìfwf<fv

## -ÚŽŸ

[□œŠT—v](#)

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[PeRdrŽÀ□s\(<tfAfZf“fuf<fR□\[fhfŠfXfg□o—Í\)](#)

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fffBfXfvfCEfC[]Ý’è•œ<CE  
fAfCfRf“[]EftfHf“fgfLfffbfVf...[]í[]œ  
fffXfNfgfbfvfAfCfRf“•¶Žš”wCEi,ð“š-<sup>3</sup>/<sub>4</sub>%o»  
fXfNfŠ[]f“fZ[]fo[][-<sup>3</sup>CEø%o»]E—LCEø%o»  
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# ŠT—v

## œŠT—v

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 yVersion#z1.10  
 yftf@fCf<zNeko57.lzhqL,Éfo[fWf+f“,ð•t%Á,µ,Ü,·  
 yqì—CEŽ“úz2003/10/07  
 yfJfefsSfSzfvfOf%of€ŠJ”Žx%ofEfQ[f€%ðÍ<y,Ñ%ü‘ç¼  
 y»iŽÒ-¼z,α,³,Ò,â,ñ(“«UsaHook2.DLL,Í•KŽE□I,Ë,±,Ü,ñ,Ü(,Í,®,Í,®),³,ñ)  
 yÁ²ÄÜi^Äz•KŽE□I,Ë,±,Ü,ñ,Ü(,Í,®,Í,®),³,ñ  
 y±²ºÝ’ñ<ÿzLet'sCE»ŽÄ“i”ð,³,ñ  
 y“®iŠÄ<«zWindows95/98/Me/2000/XP@f%of“f^fCf€^ê∅•s—v  
 y“®iŠm”Fz“ú- {CEê”ÁWindows95(OSR1)/98(SE)/Me/2000(Pro)/XP(Home)  
 yŠJ”CE¾CEêzfAfzF“fufŠCE¾CEê(“«UsaHook2.DLL,à“—l)  
 y E-Mail z[usapyon\\_usapyon@hotmail.com](mailto:usapyon_usapyon@hotmail.com)  
 y”z@z@z»iŽÒ,lfTfCfjg<Digital Travesiaf,É,Ä□□’m  
 y”]□@□@□ÚzŽ-‘O,ÉiŽÒ,i□³’ø,ð“¾,Ä%º,³,ç□B-³’f”]□Ú,Í<ÖŽ~,µ,Ü,·□B  
 y,QŽÝ”z•z□zŽ-‘O,ÉiŽÒ,i□³’ø,ð“¾,Ä%º,³,ç□B-³’f”z•z,Í<ÖŽ~,µ,Ü,·□B  
 y~iCE “™zCopyright (C)2001-2003 ,α,³,Ò,â,ñ@ALL RIGHTS RESERVED

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## œŠT—v•â‘«

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 Ú“l,lfvf□fZfX,ð’l’ð,µ□AçŠm”Ff{f^f“,ð%ÿ,µ,Ä,Ý,Ä%º,³,ç□B  
  
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• “-f\ftfgfEjFfA,Á,íCf“f^□[ftfFfCfX“™Žd—ì,ì•i□X,É, , ½,è□Aft□[fU□[ , ì • û , © , ç’ , , ç  
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, Ü , · , ª □ A □ F □ X , È Ž — □ î , É , æ , è • K , , μ , à , ² Š ú ‘ Ò , É “ Y , ¡ , é , ± , Æ , ª , Á , « , é , Æ , í C E Á , ç , È , ç , ± , Æ □ A , ² —  
¹ □ ³ Š è , ç , Ü , · □ B

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▼ “-f\ftfgfEjFfA,í^è%º,lfP∩[fX,Á,í<N“ @,μ,Ü,¹,ñ∩B  
,P.∩wSoftICE∩x,ª<N“ @,μ,Ä,ç,é∩ê∩‡(fvf∩fZfX‘€∩∩^—∩,ì<€∩‡,ð%ºñ” ð,·,é,½,β)∩|1  
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,S.“-f\ftfgfEjFfA,ì%º¼zfAfhfCEfX<óŠÖ,ÉfEjCf<fX,Ü,½,í—pŽ—f\ftfgfEjFfA,ª∩N“ü,μ,Ä,ç  
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∩|1∩@∩wSoftICE∩x,íWindows<N“ @ŽŽ,É<N“ @,·,é,©”Û,©,ð‘íð,Ä,«,é,æ,ª,É,μ,Ä,“,·,±  
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▼ “Ä—pfvf∩fZfXf∩f,fŠfGfffBf^,ð—p,ç,½fQ∩[f€,ì%ºð∩∩E%ºü‘ç,ð∩%º  
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p^Ó,μ,Ü,μ,½,ì,Ä,²—%ºº,³,ç∩B

▼ ŠefGfffBfbfgf{fbfNfX,Á,í∩A%ºEfNfŠfbfN,©,ççCE³,É—β,·£∩Aç“\,è·t,·£,â  
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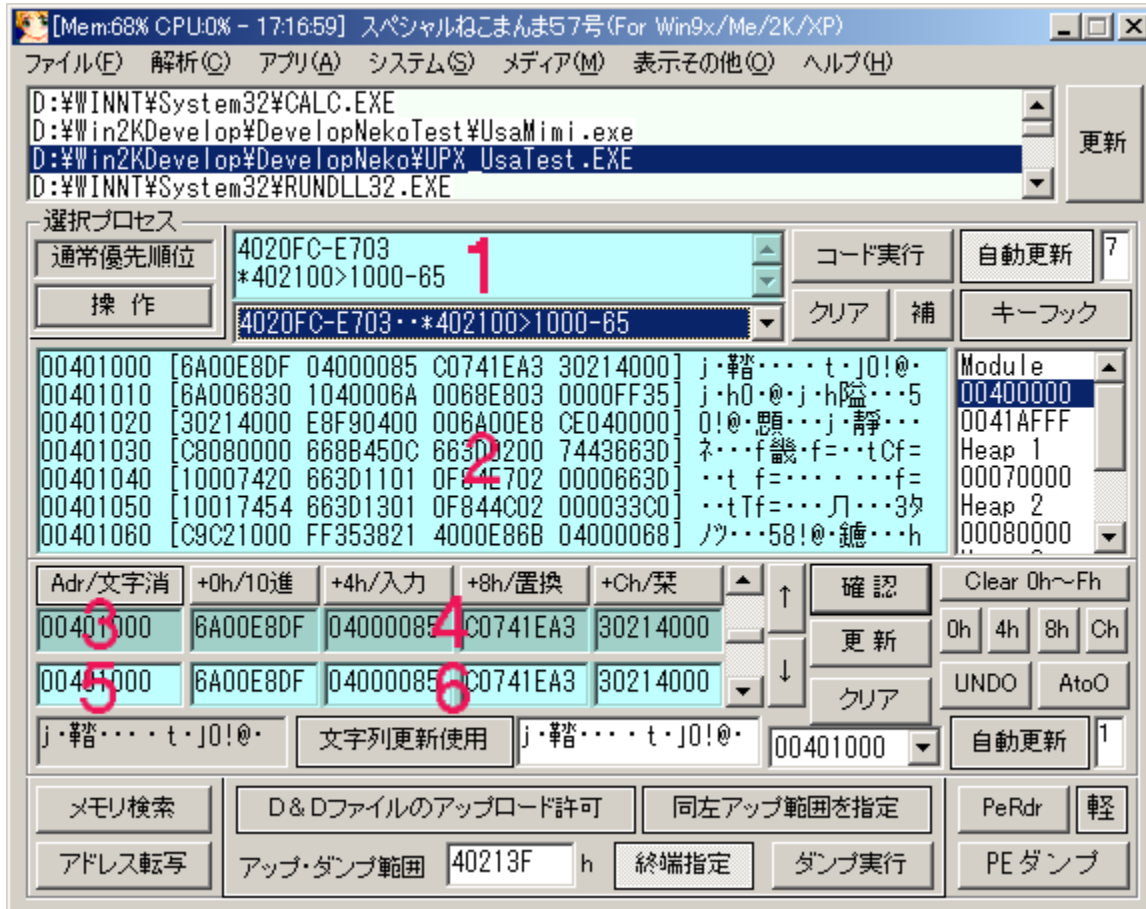
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[]f<fGfŠfA[]î•ñ<y,Ñfq[]f[]v[]î•ñ,ðf[]fCf"fGfffBfbfgf{fbfNfX%oE,lfŠfXfgf{fbfNfX,É•\  
Ž!,µ,Ü,·[]Bf,fWf...[]f<fGfŠfA,É,Ä,ç,Ä,îŠ]ŽnfAfhf[]fX,Æ[]l'[]fAfhf[]fX,ð[]Afq[]f[]v,É,Ä,ç  
,Ä,îŠ]ŽnfAfhf[]fX,ð•\Ž!,µ,Ü,·[]B

,È,"[]AfQ[]f[]f€"™,É," ,¬,é[]',«Š,î'î[]ÜfAfhf[]fX,ª[]A—á,î,îWindows98,Ä,îHeap2,É, ,é[]è[]  
‡,Ä,à[]AWindowsMe,Ä"¬—l,ÉHeap2,É, ,é,Æ,í[]EÄ,ç,È,ç,ì,Å'[]^Ó,ª•K—  
v,Ä,·("¬OS,Ä,lfq[]f[]v[]fif"fo[]l,í'â'î"¬^è,É,È,è,Ü,·)[]B

,Ü,¾[]A,±  
,lfŠfXfgf{fbfNfX[]ã,Ä"Ç^Ó,lfAfhf[]fX,ðfNfŠfbfN"™,Ä'l'ð,·,é,î[]A"¬fAfhf[]fX,  
ðfAfhf[]fXŽw'è—pfGfffBfbfgf{fbfNfX,É"\  
,è•t,¬[]A,¾,ç,Éf[]fCf"fGfffBfbfgf{fbfNfX,ì•\Ž!"à—  
e,ð[]V,µ,çfAfhf[]fX,Ä[]X[]V,µ,Ü,·[]B

## []æfvf[]fZfXf[]f,fš(fofCfifŠff[]f^)•\Ž!

fvf[]fZfX^è—,©,ç-Ú"l,lfvf[]fZfX,ð'l'ð,µ,½[]ã,Å[]AfAfhf[]fXŽw'è—  
pfGfffBfbfgf{fbfNfX,É-Ú"l,lfAfhf[]fX,ð"ü—í,µ,ÄçŠm"£f{f^f",ð  
%oÿ,¹,î[]A"¬fAfhf[]fX,©,ç70hfofCfg,lfvf[]fZfXf[]f,fš(fofCfifŠff[]f^),Æ'î%ož,·,é•¶Žš—  
ñ,ðf[]fCf"fGfffBfbfgf{fbfNfX"à,É•\Ž!,µ,Ü,·[]B

,Ü,¾[]A"¬Žž,É"¬fAfhf[]fX,©,ç16fofCfg,lfvf[]fZfXf[]f,fš(fofCfifŠff[]f^)  
,ðfofCfifŠff[]f^•ÜŽ[]—p,Æ"¬•ò[]w—pfGfffBfbfgf{fbfNfX"à,É•\

Ž, μ, Ü, ·, BfAfhfCfXŽw'è—pfGfffBfbfgf{fbfNfX,É•\Ž!,·,éfAfhfCfX,Ì  
%Šú'í,ÍAfj,fŠã,É“Ç,Ýž,Ü,è,½fvfOf%of€'t,ÌR[fhfZfNfVf#“□æ“ª,É'í  
%ž,·,éfAfhfCfX,Å,·□B

,È,“□AfvfjZfXfj,fŠ(fofCfifŠff[f^)•\Ž!“í,ÍAfAfvfŠfP[fVf#“,ªWindowsã,ÅŽg—p  
%Å“\,ÉfAfhfCfX,ì“í,É“Y'è,μ,Ä,ç,Ü,·□B^À'S««,ì-â'è,©,ç□AfVfXfef€—ì^æ,ì·\  
Ž!<y,Ñ•Ò□W,í·s%Å,É,μ,Ü,μ,½□B

,±,Ìf□Cf“fGfffBfbfgf{fbfNfX,Å,Í□A^è”É“l,ÉfefLfXfgfGfffBf^“—l,É,»„ì·\Ž!“à—  
e,ðfRfs□[,·,é,±,Æ,ª%Å“\,Å,·□B,±,è,í%ü'çfR□fh,ì<L□qŠÈ^Õ%»»,É-ð—š,¿,Ü,·□B

,à,μfR□fhfZfNfVf#“□æ“ªfAfhfCfX('à'i401000)Žü•Ó,ÉçBoolean£,Æ,ç,ª•¶Žš—  
ñ,ªSm“F,³,è,½□è□#,ÍAfvfjOf%of€ªçObject Pascal£,Æ,ç,ªCE¾CEè,ÅŠj”-  
,³,è,Ä,“è□AfvfjOf%of€'t,ÅŽg—p,³,è,é•¶Žš—  
ñ“™,Ìf□f^,ÌfR□fhfZfNfVf#“,ì·ù,ÉŠi“[³,è,Ä,ç,é%Å“\□«ª,è,Ü,·□B

### □œ•¶Žš—ñ”ñ•\Ž!f,□fh

çAdr/•¶Žš□Ávf{f^f“,ð%ÿ,·,Æ□Af□Cf“fGfffBfbfgf{fbfNfX□ã,Å,ÌfofCfifŠff□f^,É'í  
%ž,·,é•¶Žš—ñ”•ª•\Ž!□E”ñ•\Ž!,ð∅,è'Ö,!,Ü,·□B,±,ì<@“\  
,Ìf□Cf“fGfffBfbfgf{fbfNfX□ã,Å“•¶Žš—ñ”•ªªs—v,È□Ü,É—L—p,Å,·□B

,±,ì<@“\,à%ü'çfR□fh□ì□—,ìŠÈ^Õ%»»,É-ð—š,¿,Ü,·□B

### □œ10□i•\Ž!<@“\

□uAdr/•¶Žš□Ávf{f^f“,ì%E,É,·,é□u+0h/10□i□vf{f^f“,ð  
%ÿ,·,Æ□ACE»Ý,ìŽw'èfAfhfCfX,ÌfofCfj/f□□fh/f\_fuf<f□□fh,ì,P,O□i□“l,ð·\  
Ž!,μ,Ü,·□B,³,ç,É□AŽw'èfAfhfCfX^È~„ì4fofCfj,ì2□ifrfbfgfj^□f“,à•\Ž!,μ,Ü,·□B,±  
,è,Í□Afrfbfgftf%ofO,ìŽ<“F□«„ð□,ß,é,½,ß,ì,à,ì,Å□A,±,Ìfrfbfgfj^□f“,ÌfAfhfCfX□#,Å·\  
Ž!,μ,Ä,ç,Ü,·(fŠfgf<fGf“fffBfAf“,Å,í,·,è,Ü,¹,ñ)□B

Žw'èfAfhfCfX,ð²□®,·,é□è□#,Í□Af□Cf“fEfBf“fhfE,ªfAfNfefBfu,È□ó'Ö,Å□AçCtrl£fL□[,ð  
%ÿ,μ,È,ª,çf}fEfXfzfC□f<,ðã  
%ª,³,¹,è,Í□AŽw'èfAfhfCfX,ð1fofCfj•ì□X,μ,ÄfofCfifŠff□f^,ð□Ä•\Ž!,³,¹,é,±,Æ,ª%Å“\  
,Å,·□ifAfhfCfXŠÈ^Õ^U“®„ì□Ú□×,í,±,Ìfy□fW,ì□ÅCEã,É,·,è,Ü,·□j□B

,Ü,½□AŽw'èfAfhfCfX,ªfjCf“f^,ì%Å“\□«ª,·,èŠi“[fAfhfCfX,ªfAfNfZfX%Å“\  
,È,ç,Í□A,»„ÌfAfhfCfX,ÌfofCfj/f□□fh/f\_fuf<f□□fh,ì,P,O□i□“l,à•\Ž!,μ,Ü,·□B

,È,“□ufjCf“f^,ÅŽw'èfAfhfCfX•ì□X□v,í-U“l,ì'l,ª(□Ä)Žæ“¾,³,è,Ä,ç,È,ç  
,ÆfAfhfCfX•â³l,ð“½%of,μ,Ü,¹,ñ□BfAfhfCfX•â³l“ü—  
íCEã,É,»„ì•â³,³,è,½fAfhfCfX,ªfAfNfZfX%Å“\,©•K,·,Šm“F('l□ÄŽæ“¾),μ,Ä%ª,³,ç□B

### □œfŠfA<f^fCf€□',«Š·,Ìfpfj<

č + 4h / "ü — í f { f ^ f " , ð % ö Ÿ , , Æ □ A f o f C f i f Š f f □ [ f ^ , ð f Š f A f < f ^ f C f €  
, Ā □ ' , « Ö , , é , ½ , β , l f E f B f " f h f E , ð • \ Ž ! , μ , Ü , , □ B , ± , l □ Ū □ f C f " f E f B f " f h f E , l f A f h f C E f X Ž w ' è —  
p f G f f f B f b f g f { f b f N f X , É " ü — í , ³ , è , Ā , č , é f A f h f C E f X , ð f x □ [ f X , É , μ , Ā f o f C f i f Š f f □ [ f ^ , ð • \  
Ž ! , μ , Ü , , □ B , Ü , ½ □ A • \ Ž ! □ æ " a f A f h f C E f X , a " Č , Ý Ž æ , è % ö Ā " \ , © , Ā □ ' , « Ž , Ý • s % ö Ā , l — l ^ æ , Ā , , é  
□ è □ ‡ , l □ A č □ ' , « Ž , Ý • s " \ — l ^ æ f , Ā , , é , ± , Æ , ð - ¾ Ž ! , μ , Ü , , □ B

, ± , ± , Ā , l □ A • \  
Ž ! , ³ , è , ½ f o f C f i f Š f f □ [ f ^ , ð f G f f f B f b f g f { f b f N f X □ ä , Ā □ ' , « Š , , , é , Æ □ A , » , l □ ' , « Š , , l C E < % ö Ê , ð ' l f v f  
□ f Z f X f □ f , f Š S Y " - f A f h f C E f X , É , à " ½ % ö f , ³ , ¹ , Ü , , □ B " ü —  
í , É , l " ¼ Š p , l □ " Ž š , Æ A , © , ç F , Ü , Ā , l " ¼ Š p f A f < f t f @ f x f b f g □ i □ - • ¶ Ž š % ö Ā □ j , l , Ý Ž g — p , μ , Ā  
% ö ° , ³ , č □ B , » , è ^ Ê Š O , l • ¶ Ž š " ü — í , â □ A • \ Ž ! , ³ , è , Ā , č , é f o f C f i f Š f f □ [ f ^ ' í % ö ž • ¶ Ž š —  
ň , Ü , ½ , l f X f y □ [ f X , l ^ É ' u , a • i □ X , ³ , è , ½ □ è □ ‡ , l č □ ' Ž @ f G f % ö □ [ f  
, Æ " » ' f , μ □ A f v f □ f Z f X f □ f , f Š , l □ ' , « Š , , , ð □ s , č , Ü , ¹ , ñ □ B

' € □ i , É , , ½ , è □ A č I n s e r t f l □ [ , ð % ö Ÿ , , ± , Æ , É , æ , è □ ä □ ' , « / ' } " ü f , □ [ f h , l □ Ø , è ' Ö , , , a % ö Ā " \  
, Ā , , □ B , Ü , ½ □ A ' É □ i , l f G f f f B f b f g f { f b f N f X " — l , É % ö E f N f Š f b f N , © , ç Š e Ž í • ¶ Ž š — ñ • Ö □ W < @ " \  
, a Ž g — p % ö Ā " \ , Ā , □ B — á , , l % ö E f N f Š f b f N , © , ç ç f R f s □ [ f , Æ č " \ , è • t , - f  
, É , æ , è □ A ' l ' ð f □ f , f Š " í ' í , l " à — e , ð • Ê , l f □ f , f Š % ö Ó □ Š , É f R f s □ [ , , é , ±  
, Æ , a Š È ' P , É □ s , , l , Ü , , □ B , ³ , ç , É □ A W i n d o w s 2 0 0 0 / X P , É , " , č , Ā , l □ A č C t r l f l □ [ , ð  
% ö Ÿ , μ , È , a , ç } f E f X f z f C □ [ f < , ð ' € □ i , , é , ± , Æ , É , æ , è □ A f Š f A f < f ^ f C f € □ ' , « Š , , l f p f l f < , l • \ Ž ! " à —  
e , ð Š g ' â □ E □ k □ - % ö Ā " \ , Ā , , □ B

, ± , l • \ Ž ! , ³ , è , Ā , č , é f o f C f i f Š f f □ [ f ^ , l , -  
, Ü , Ā " Č , Ý □ ž , ñ , ¾ Ž ž " \_ , l , à , l , Ā , , □ B , » , l , ½ , β □ A □ ' , « Š , , , ð □ s , a ' O , É ^ è " x f □ f j f ... □ [ , l č f Š f □ □ [ f h f  
, Ā □ Ā □ V , l f o f C f i f Š f f □ [ f ^ , ð □ Ā • \ Ž ! , ³ , ¹ , é , ±  
, Æ , ð , " □ s , β , μ , Ü , , □ B , È , " □ A f f f t f H f < f g □ Ý ' è , Ā , l □ A f Š f A f < f ^ f C f € □ ' , « Š , , l f p f l f < , Æ " ¼ , l f E f B f " f h f E  
, l □ Ø , è ' Ö , ; Ž ž , É Ž © " @ , Ā □ Ā " Č , Ý □ ž , Ý , μ , Ü , • ( f □ [ f g f Š f □ □ [ f h < @ " \ ) □ B

• \ Ž ! , , é f A f h f C E f X , l % ö æ - É % ö E ' a , l f X f N f □ □ [ f < f o □ [ , Ā • i □ X % ö Ā " \ , Ā , , □ B , Ü , ½ □ A f □ f j f ... □ [ , l  
č f A f h f C E f X □ Ä Ž æ " ¾ f , Ā f □ f C f " f E f B f " f h f E , l f A f h f C E f X Ž w ' è — p f G f f f B f b f g f { f b f N f X , É " ü —  
l , ³ , è , Ā , č , é f A f h f C E f X , ð □ Ä Ž æ " ¾ , μ , Ā f o f C f i f Š f f □ [ f ^ , ð • \ Ž ! , μ , Ü , , □ B

, ± , l f E f B f " f h f E , ð • \ Ž ! , μ , Ā , č , é □ ó < μ , Ā ' í □ Ū f v f □ f Z f X , ð • i □ X , μ , È , č , Ā % ö ° , ³ , č □ B

□ œ Š i - { " l , È f v f □ f Z f X f □ f , f Š ( f o f C f i f Š f f □ [ f ^ ) , l □ ' , « Š , , l  
f A f h f C E f X Ž w ' è — p f G f f f B f b f g f { f b f N f X , Ā - Ū " l , l f A f h f C E f X , ð Ž w ' è , μ , Ā č Š m " F f f { f ^ f " , ð  
% ö Ÿ , , Æ □ A f o f C f i f Š f f □ [ f ^ • Ö □ W — p f G f f f B f b f g f { f b f N f X " à , É f o f C f i f Š f f □ [ f ^ ' í % ö ž • ¶ Ž š —  
ň , ð • \ Ž ! , μ , Ü , , □ B , ± , l • ¶ Ž š — ñ , ð □ ' , « Ö , , , Ā č □ X □ V f f { f ^ f " , ð % ö Ÿ , ¹ , l □ A , » , l □ ' , « Š , , , ½ " à —  
e , ð Ž g , Ā , Ā f v f □ f Z f X f □ f , f Š , ð □ X □ V , μ , Ü , , □ B , ±  
, l □ Ū □ A Š e f G f f f B f b f g f { f b f N f X , É , l 4 f o f C f g • a ( " ¼ Š p □ " Ž š , à " ¼ Š p A □ F , Ā 8 • ¶ Ž š ) " ü — í , μ , Ā  
% ö ° , ³ , č □ B , à , μ • ¶ Ž š □ " , a ' « , ç , É , - , è , l □ A Ž á , č f A f h f C E f X , © , ç ' l 0 0 h , Ā - , , β , Ā • á Š @ , μ , Ü , , □ B , ±  
, l " ü — l Ž ž , É □ A Š e f G f f f B f b f g f { f b f N f X , É , l Š ū , É • \ Ž ! • ¶ Ž š □ " □ ä C E Ā , Ü , Ā • \ Ž ! , ³ , è , Ā , č  
, Ü , , , l , Ā □ A , Ü , , • i □ X , μ , ½ , č Ž š □ " • a , ð Š ū , É • \ Ž ! , ³ , è , Ā , č , é f o f C f i f Š f f □ [ f ^ ' í % ö ž • ¶ Ž š —  
ň , © , ç □ i □ œ , , é • K — v , a , , è , Ü , , □ B



,È, "□A'€□if~fX,δ-h,®,½,β□AčŠm" F£f{f^f", ð%öÿ,³,È,ç,Ü,Üç□X□V£f{f^f", ð  
%öÿ,µ,½□è□±,ÍCEx□□,ð•\Ž!,µ□Afvf□fZfXf□f,fŠ,Í□X□V,µ,Ü,¹,ñ,Ì,Å'□^Ó,µ,Ä%öº,³,ç□B

čŠm" F£ç□X□V£f{f^f", ð%öÿ,³,È,ç,Ü,Üç□X□V£f{f^f", ð  
çCh£f{f^f", ÍfofCfifŠff□[f^•Ò□W—pfGfffBfbfgf{fbfNfX,Ì"à—  
e,ðfNfŠfA,³,¹,é,½,β,Ì,à,Ì,Å,·□BçClear  
0h□`Fh£f{f^f", Í16fofCfjg•²□,Ä□A'¼,Íf{f^f", ÍŠefofCfifŠff□[f^•Ò□W—  
pfGfffBfbfgf{fbfNfX,ðfNfŠfA,µ,Ü,·□B,±,ÍfNfŠfA,µ,½□ó'Ó',zfofCfifŠff□[f^•Ò□W—  
pfGfffBfbfgf{fbfNfX,É%ö½,à"ü—Í,³,è,Ä,ç,È,ç□ó'Ó,Åç□X□V£f{f^f", ð  
%öÿ,·,Æ□A'100h,Å—,·,β,éCE` ,Åfvf□fZfXf□f,fŠ,ð□X□V,µ,Ü,·□B

Žw'èfAfhfCEfX^È□~ ,ð□L'Í'Í,ÉŠÈ'P,È'€□,Ä□',«Š·,!,½,ç□è□±,Í□Aç%öü'çfR□[fh"ü—  
Í•â□•<@"£,ðŽg,±,Æ,ð, "□§,β,µ,Ü,·□B—á,!,Íç401000-£  
,ÍCEä,É□',«Š·,!,½,çfofCfifŠff□[f^□i'í%öž•¶Žš—ñ□j,ðCEq,°,Ä  
%öü'çfR□[fh,Æ,µ,ÄŽÄ□s,·,è,Í□A^è"x,Éfvf□fZfXf□f,fŠ,ð□',«Š·,!,é,±,Æ,²%öÄ"\,Å,·□B

□œfžQ□□,□',«□ž,Ý•s%öÄŽž,Ì'Í□^,É,Ä,ç,Ä  
fvf□fZfXf□f,fŠ•Ò□Wžž,É□A'Í□Úfvf□fZfX,²□|—¹,µ,Ä,ç,È,ç,É,àŠÖ,í,ç,·□',«□ž,Ý•s  
%öÄ,Æ•\Ž!,³,è,½□è□±,Í□Açf,fWf...□[f<^è—<y.Nf□f,fŠf}fbfv•\Ž!£,Åf□f,fŠf}fbfv,ð•\  
Ž!,µ□A□',«Š·,Í'Í□ÚfAfhfCEfX,ðŠÜ,Pf□f,fŠfGfŠfA,Í'®□« ,ð□',«□ž,Ý%öÄ"\,É•İ□X,·,é,±  
,Æ,Å'Í□^%öÄ"\,Å,·□B,Ü,½□AWindows2000/  
XP□ä,Ä□',«Š·,Í'Í□ÚfAfhfCEfX,²fR□[fhfZfNfVf†f""à,È,ç,Í□A—\  
,β'Í□Úfvf□fZfX,ÌŽÄ□sftf@fCf<,ðçPEftf@fCf<,ðŽw'è,µ,Ä□Ä□\z£,Å  
ç'SfZfNfVf†f",É□',«□ž,Ý%öÄ"\'®□« ,ð•t%öÄ£,µ,Ä,·,•û-@,²□Ä,àCEø  
%öÉ"Í,Å,·□B'¼,Ì'Í□^~@,Æ,µ,Ä,Í□A%öü'çfR□[fh,ð—p,ç  
,Ä'Ä'èf□f,fŠfGfŠfA,Ífvf□fefNfg'®□« ,ðç"Ç,Ý□',«%öÄ"\£,É•İ□X,·,é,±,Æ,à%öÄ"\,Å,·□B

□œ•¶Žš—ñfX□[fX,Å,Ífvf□fZfXf□f,fŠ(fofCfifŠff□[f^),Ì□',«Š·,!  
ç•¶Žš—ñ□X□VŽg—p£f{f^f", ð%öÿ,µ,Ä,©,çç□X□V£f{f^f", ð%öÿ,µ,½□è□±,Í□Aç•¶Žš—  
ñ□X□VŽg—p£f{f^f"%öÿ,ÍfGfffBfbfgf{fbfNfX,Ì•¶Žš—ñ□î'ñ,ðCE³,É□A'Í  
%öž,·,éfofCfifŠff□[f^,ðŽg,Á,Åfvf□fZfXf□f,fŠ,ð□X□V,µ,Ü,·□B,±  
,Ì□Ú□AfGfffBfbfgf{fbfNfX,É,Í□',«□ž,Ý,½,ç•¶Žš—ñ,¾,·,ð"ü—Í,µ□A•s—v,È•¶Žš—  
ñ("Á,ÉfXfy□[fX),Í□í□œ,µ,Ä%öº,³,ç□B,» ,±,µ,È,ç□è□±□A•s—v,È•¶Žš—ñ,àfXfy□[fX,Å<-  
□§"Í,É~ACE<,µ,½□ä,Åfvf□fZfXf□f,fŠ,ð□X□V,·,é,±  
,Æ,É,È,è,Ü,·□BfGfffBfbfgf{fbfNfX□ä,Å,Ì%öEfNfŠfbfN,©,çç,·,x,Ä'Í'ð£,Å  
—]CEv,ÉfXfy□[fX,ðŠÈ'P,ÉŠm"F,Å,« ,Ü,·□B

,È, "□Afvf□fOf%öf€□ä,Å,ÍfofCfifŠff□[f^,Í'100h,ð•¶Žš—ñ□I',Æ,µ,Ä"FŽ~,µ,Ü,·,Ì,Å□A•K—  
v,É%öž,¶,Ä'100h,ð□X□V,µ,½•¶Žš—ñ'Í%öžfofCfifŠff□[f^,Ì□I',É'Ç%öÄ,µ,Ä%öº,³,ç□B

□œfvf□fZfXf□f,fŠ'uŠ•  
ç+8h/'uŠ•£f{f^f",²%öÿ,³,è,é,Æ□A'Í'ðfvf□fZfX,ÌŽw'èf□f,fŠ—

Īæ"à,Āfvf[]fZfXf[]f,š'uš·,ð[]s,α,½,β,lf\_fCfAf[]fO,ð·\Ž!,μ,Û,·[]B,±,±  
,ĀCEÿ[]ð[]E'uš·šJžnfAfhfCEfX,ÆCEÿ[]ð[]E'uš·"í^í[]A,³,ç,ÉCEÿ[]ð,·,é'uš·CE³fofCfifšff[]f^,  
Æ'uš·,É—p,ç  
,é'uš·[]æfofCfifšff[]f^,â'uš·[]æfofCfifšff[]f^,ð[]',«[]ž,pfAfhfCEfX,ì·â[]³'l,ð"ü—  
í,μ,Ā[]uCEÿ[]ð[]E'uš·ŽÀ[]s[]vf{f^f",ð  
%oÿ,·,Æ[]A'uš·CE³fofCfifšff[]f^,ðCEÿ[]ð,μ[]A',Ā,ìšY"—fAfhfCEfX[]i·â[]³'l,â[]ÿ'è,³,ê,Ā,ç  
,ê,î·â[]³,μ,½fAfhfCEfX[],É'uš·[]æfofCfifšff[]f^,ð[]',«[]ž,Ý,Û,·[]BCEø—  
!"I,É'uš·,ì,½,β[]Ažw'è,³,ê,½CEÿ[]ð[]E'uš·šJžnfAfhfCEfX,ÆCEÿ[]ð[]E'uš·"í^í,í1000h^P^Ê,  
Ā[]ÿ'è,μ[]A1000h-ç-ž,ì·"·â,í[]Ø,èžì,Ā,Û,·[]B

CEÿ[]ð[]E'uš·šJžnfAfhfCEfX,ÆCEÿ[]ð[]E'uš·"í^í[]A'uš·CE³fofCfifšff[]f^,Æ'uš·[]æfofCfifš  
ff[]f^<y,Ñ·â[]³fAfhfCEfX,í[]A16[]i",Āžw'è,μ,Ā%o°³,ç(1fofCfjg,ð·K,,"¼šp  
%op[]"žš2·qžš,Ā·\<L)[]B,Û,½[]A CEÿ[]ð[]E'uš·"í^í,í·K—v[]Ā[]—CEÀ,É,Æ,ç,β,Ā  
%o°³,ç[]B·s·K—v,È%oÓšš,ð'uš·,μ,½[]ê[]#[]A'í[]Ûfvf[]fZfX,lfNf  
%ofbvfVf... "™ ·s<i[]#,ð[]μ,±,Æ,â, ,è,Û,·[]B

[]už© "®[]X[]V[]vf{f^f",ð—LCEø%o»,μ,½[]ã,Ā[]uCEÿ[]ð[]E'uš·ŽÀ[]s[]vf{f^f",ð  
%oÿ,·,Æ[]A[]už© "®[]X[]V[]vf{f^f"%oE,lfGfffBfbfgf{fbfNfX,Āžw'è,³,ê,½·b[]"—  
^,É'uš·[]^—[],ðCEJ,è·Ó,μ,Û,·[]B,à,α^è"x[]už© "®[]X[]V[]vf{f^f",ð  
%oÿ,·,Æž© "®[]X[]V,ð%oð[]œ,μ,Û,·[]B

·qžš—ñ,É^í%ož,·,éfofCfifšff[]f^,ð'm,è,½,ç[]ê[]#,É,í[]A[]u·qžš—ñ[]  
16[]ifofCfifšff[]f^·iš·[]v<@"\,â—LCEø,Ā,·[]B·qžš—ñ,ð"ü—í,·,ê,îšfAf^f^fCfE,Ā'í  
%ožfofCfifšff[]f^,ð·\Ž!,μ,Û,·[]B

CEÿ[]ð[]E'uš·"à—e[]ÿ'èftf@fCf<,í[]AD&D,Ā"ç,Ý[]ž,p,±,Æ,à,Ā,«,Û,·[]B

[]f'uš·[]ÿ'è—á[],  
fvf[]fZfXf[]f,š[]ã,ì·qžš—ñ[]u,α,³[]œ,â,ñ[]v,ð[]u,α,³,Ò,â,ñ[]v,É'uš·,·,é[]ê[]#  
'uš·CE³[]F82A482B3819C82E582F1  
'uš·[]æ[]F82A482B382D282E582F1

### []œ·\Ž!fAfhfCEfX,lfšfXfgfAfbfv

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pfGfffBfbfgf{fbfNfX,Āžw'è,³,ê,½fAfhfCEfX,ð[]ušm"F[]v[]Eç[]X[]V[]E[]  
çfNfšfA[]f{f^f"%o°,lfRf"f{f{fbfNfX,É'ç%oĀ,μ,Ā,ç,«,Û,·[]B,±  
,lfRf"f{f{fbfNfX[]ã,Ā"C^Ó,lfAfhfCEfX,ðfNfšfbfN,·,ê,î[]A"—fAfhfCEfX,ðfAfhfCE  
fXžw'è—pfGfffBfbfgf{fbfNfX,É"\,è·t,~[]A,³,ç,Éf[]fCf"fGfffBfbfgf{fbfNfX,ì·\  
Ž!"à—e,ð[]V,μ,çfAfhfCEfX,Ā[]X[]V,μ,Û,·[]B

### []œfAf"fhd[]i,â,è,È,"μ[]j

çUNDO[]f{f^f",ð%oÿ,μ,½[]ê[]#[]A[]',«š·,ì·s%oĀ,É,μ,Ā,ç  
,éfAfhfCEfX[]EfofCfifšff[]f^·Ûž[]—pfGfffBfbfgf{fbfNfX,ì"à—  
e,ðCE³,É[]Afvf[]fZfXf[]f,š,ð[]X[]V,μ,Û,·[]B

,È, "□A, ±, ÌfAfhfĀfX□EfofCfifŠff□f^•ŮŽ□—pfGfffBfbfgf{fbfNfX, Í□AčŠm" Ff{f^f",<sup>a</sup>  
%Ÿ,<sup>3</sup>, è, é, Æ, » , Ì"à—e,<sup>a</sup>□X□V,<sup>3</sup>, è, Ä, μ, Ů, cfAf"fhfD•s%Ō, É, È, è, Ů, ·, Ì, Å,<sup>2</sup>□^Ó%<sup>o,3</sup>, □B

### □œfvf□fzfxŽ©"®□X□V

čŽ©"®□X□Vf{f^f",<sup>o</sup>%, Ÿ, μ, Ä, ©, ç□X□Vf{f^f",<sup>o</sup>%, Ÿ, μ, ½□ê□#□A□X□V□^—□, ð  
čŽ©"®□X□Vf{f^f"%E, É, ,éfGfffBfbfgf{fbfNfX, É"ü—Í,<sup>3</sup>, è, ½•b□"(1□`9)-  
^, ÉĀJ, è•Ō, μ, Ů, ·□B, ±, ÌfGfffBfbfgf{fbfNfX, É%½, à"ü—Í,<sup>3</sup>, è, Ä, ç, È, □A, , é, ç  
Í□"Žš^ÈŠO,<sup>a</sup>"ü—Í,<sup>3</sup>, è, ½□ê□#, Í□A2•bŠŌŠu, Å□X□V□^—□, ð□s, ç, Ů, ·□B  
čŽ©"®□X□Vf{f^f",<sup>o</sup>%, Ä"x%Ÿ,<sup>1</sup>, Í□AŽ©"®□X□V□^—  
□, ð'tŽ~ , μ, Ů, ·□B, È, "□A□ä<L, Ì'È, è□AŽ©"®□X□V<@"\, Í□Y'èĀä□X□Vf  
, ð^è"x□s, í, È, çĀÄ, è□ì"® , μ, Ů,<sup>1</sup>, ñ, Ì, Å'□^Ó, μ, Ä%<sup>o,3</sup>, □B

### □œfAfhfĀfX□|fiftfzfbfgfRf"fo□lfg

çAtoOf{f^f",<sup>o</sup>%, Ÿ, ·, Æ□AfhfĀfXŽw'è—  
pfGfffBfbfgf{fbfNfX, ÅŽw'è,<sup>3</sup>, è, ½fAfhfĀfX, É'í%ž, ·, é□AŽÀ□sftf@fCf<'t, Ìfiftfzfbfg, ð•\  
Ž!, μ, Ů, ·□B"—R, È,<sup>a</sup>, ç□Afvf□fzfxf□f, fŠ't, ÌŽÀ□sftf@fCf<, af□□lfh,<sup>3</sup>, è, ½  
%Ō□Š^ÈŠO, ÌfAfhfĀfX, ðŽw'è, μ, ½□ê□#, ÍĀx□□, μ, Ů, ·□B

### □œŽw'èfAfhfĀfX, Ì•İ□X

□@čŠm" Ffç□X□Vf{f^f", Ì□ŋ'α, É, ,éfXfNf□□lf<fo□<y, Ñ'â-  
î'ó{f^f", ÅŽw'èfAfhfĀfX, ð•İ□X, μ, ÄfofCfifŠff□f^, ð□Ä•\Ž!,<sup>3,1</sup>, é, ±, Æ,<sup>a</sup>, Ä, «, Ů, ·□B  
fXfNf□□lf<fo□□, Ì%Ÿ, μ'±, -, é, ±, Æ, Ä~A'±, μ, ÄfAfhfĀfX, ð•İ□X,<sup>3,1</sup>, é, ±, Æ,<sup>a</sup>%ŌÄ"  
, Ä, ·□BfXfNf□□lf<fo□□, Ä, Í□}10, ^, Ů, ½, Í□}100, ^□A'â-  
î'ó{f^f", Ä, Í□}1000, ^, ÌŽw'èfAfhfĀfX•İ□X, ð□s, ç, Ů, ·□B

, à, μ•İ□XĀä, ÌfAfhfĀfX, afAfnfzfx•s"vfAfhfĀfX, Ä, , Ä, ½□ê□#□iĀx□□•\Ž!, , è□j, Í□Aç  
, b, " , ' , ĀfL□□, ð%Ÿ, μ, È,<sup>a</sup>, ç'â-î'ó{f^f", Ì□u□<sup>a</sup>v□□«É, ç, , , è, ©, ð%Ÿ, μ, Ä%<sup>o,3</sup>, □B, ±  
, è, É, æ, è□AŽw'èfAfhfĀfX, ð'¼<ß, ÌfAfnfzfx%ŌÄ"  
f□f, fŠfGfŠfA□æ"afAfhfĀfX, É•İ□X, μ, ÄfofCfifŠff□f^, ð□Ä•\Ž!, μ, Ů, ·□B

### □œfL□[•<sup>1</sup>—p, É, æ, éŽw'èfAfhfĀfX, Ì•İ□X

, ±, ÌfvtfgfEfffA, Å, Í□AčŠm" Ff{f^f", ÌfNfŠfbfN, Æ"Á'èfL□□, Ì"~Žž  
%Ÿ, μ, É, æ, è□AŽw'èfAfhfĀfX, ðŠÈ'P, É•İ□X, ·, é, ±, Æ, à%ŌÄ"\, Ä, ·□B□Ú□x, Í^È  
%<sup>o</sup>, Ì, Æ, " , è, Ä, ·□B, ±, ÌfL□□"z—ñ, Í□Afl□□f{□□fh, Ì□ŋŽèfz□lf€f|  
fWfVf{f", ðfx□lfX, È□Y'è, μ, Ä, ç, Ů, ·□BŠμ, è, è, Í<É, ß, Ä□, '—, ÈfAfhfĀfX^Ú"® ,<sup>a</sup>%ŌÄ"  
, É, È, è, Ů, ·, Ì, Å□A□¥"ñ, "Žž, μ%<sup>o,3</sup>, ç□BfL□□, ð%Ÿ, μ, ½□ó'Ō, Ä  
čŠm" Ff{f^f", ðfNfŠfbfN, ·, é, Æ'€□ì, μ^Ō, ç, ÆŽv, ç, Ů, ·□B, Ů, ½□Af}fEfXfzfc□lf<, ð—p, ç  
, ½'€□, à•Ō—, Ä, ·, Ì, Å□A□¥"ñ, "Žž, μ%<sup>o,3</sup>, ç□B, È, "□Af}fEfXfzfc□lf<Žg—  
pŽž, Ìf□Cf" fEfBf"fhfE, afAfnfzfx, Ä, , é, ±, Æ,<sup>a</sup>•K—v, Ä, ·□B

□ä<L'€□ì, É, , ½, èfVfXfef€, Ìfr□lfv%<sup>o,1</sup>,<sup>a</sup>—Ä, é□ê□#, Í□Afr□lfv%<sup>o,1</sup>fgfOf<<@"\ (f□fif...  
□L, ÌçfVfXfef€£□"□ufr□lfv%<sup>o,1</sup>ON/OFFfgfOf<□v), Ä'Í□^ , μ, Ä%<sup>o,3</sup>, □B

¢A£fL[ ,ð%Ÿ,µ,È,ª,¢Šm" F£f{f^f" E E EŽw'èfAfhf£fX,É0x100000 %ŸŽŽ  
¢S£fL[ ,ð%Ÿ,µ,È,ª,¢Šm" F£f{f^f" E E EŽw'èfAfhf£fX,É0x10000 @  
%ŸŽŽ

¢D£fL[ ,ð%Ÿ,µ,È,ª,¢Šm" F£f{f^f" E E EŽw'èfAfhf£fX,É0x1000 @%ŸŽŽ  
¢F£fL[ ,ð%Ÿ,µ,È,ª,¢Šm" F£f{f^f" E E EŽw'èfAfhf£fX,É0x100 @%ŸŽŽ  
¢E£fL[ ,ð%Ÿ,µ,È,ª,¢Šm" F£f{f^f" E E EŽw'èfAfhf£fX,É0x10 @%ŸŽŽ  
¢R£fL[ ,ð%Ÿ,µ,È,ª,¢Šm" F£f{f^f" E E EŽw'èfAfhf£fX,É0x01 @%ŸŽŽ  
¢Z£fL[ ,ð%Ÿ,µ,È,ª,¢Šm" F£f{f^f" E E EŽw'èfAfhf£fX, ©, ¢0x100000  
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¢V£fL[ ,ð%Ÿ,µ,È,ª,¢Šm" F£f{f^f" E E EŽw'èfAfhf£fX, ©, ¢0x100 @£, ŽŽ  
¢G£fL[ ,ð%Ÿ,µ,È,ª,¢Šm" F£f{f^f" E E EŽw'èfAfhf£fX, ©, ¢0x10 @£, ŽŽ  
¢fXfy[fX£fL[ ,ð%Ÿ,µ,È,ª,¢Šm" F£f{f^f" E E EŽw'èfAfhf£fX, ©, ¢0x01 £, ŽŽ

¢Q£fL[ ,ð%Ÿ,µ,È,ª,¢Šm" F£f{f^f" E E EŽw'èfAfhf£fX,É0x70  
%ŸŽŽ(fy[fWf\_fEf")

¢W£fL[ ,ð%Ÿ,µ,È,ª,¢Šm" F£f{f^f" E E EŽw'èfAfhf£fX,É0x70  
£, ŽŽ(fy[fWfAfbfv)

¢Shift£fL[ ,ð%Ÿ,µ,È,ª,¢Šm" F£f{f^f" E E EŽw'èfAfhf£fX,É0x70  
%ŸŽŽ(fy[fWf\_fEf")

¢Shift£fL[ ,ð%Ÿ,µ,È,ª,¢Šm" F£f{f^f" E E EŽw'èfAfhf£fX, ©, ¢0x70  
£, ŽŽ(fy[fWfAfbfv)

¢Ctrl£fL[ ,ð%Ÿ,µ,È,ª,¢Šm" F£f{f^f" E E EŽw'èfAfhf£fX,É0x01  
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# %ü'čfR[fhŽÀs

## œŝi-{'€i

“-fjftjgEjFfA,É,í%ü'čfR[fhŽÀs<@“\,àŽÀ'•,μ,Ä,č,Ü,·B%ü'čfR[fh“ü—  
ÍfGfffBfbjgf{fbfNfX,ÉfR[fh,đ“ü—í,μ,ÄčfR[fhŽÀs£f{f^f“,đ%Ÿ,μ,Ä  
%º,³,čBCE»Ÿ'í%ž,μ,Ä,č,é%ü'čfR[fhŽ@,í,±,ž,č,Å,·B

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,đ^è“x[s,í,È,čEÀ,èi“@,μ,Ü,¹,ñ,ì,Å“^Ó,μ,Ä%º,³,čB

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ÉAZÀs,³,ê,½fR[fh,šŠXfgfAfbfv,³,ê,Ä,č,«,Ü,·B,±,İfR“f{f{fbfNfXã,Å-U“í,ì  
%ü'čfR[fh,đ'í'đ,·,é,ÆA,»,İfR[fh,đ%ü'čfR[fh“ü—  
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đ<@“\))B,È,“AZ@“@XVŽž,ÍfŠXfgfAfbfv,ìd•j,đ”đ,·,é,½,šŠXfgfAfbfv,đ[s,č  
,Ü,¹,ñB

## œ%ü'čfR[fh“ü—í•â•<@“\

fCj“fEjB“fhfE,ìčfR[fhŽÀs£f{f^f“,ì%º,É, ,éč•â£f{f^f“,ÅEÀ,Ño,μ,Ü,·B  
,±,±  
,Å,ÍfXfNfŠfvfgftf@fCf<,đ,c•,·c,Ü,½,Íftf@fCf<,đžw'è,μ,Ä“Ç,Ýž,ñ,ÅA,»,ÍfXfNfŠfvfgftf  
@fCf<,É“\,«ž,Ü,ê,Ä,č,éEÀX,ì%ü'čfR[fh,đŠÈ'P,É'í'đE•O[W,μ,½ã,ÅŽÀs%Å“\  
,Å,·B,à,ž,è,ñ%ü'čfR[fh,ìžè“ü—í,à%Å“\,Å,·B“Ç,Ýž,šfXfNfŠfvfgftf@fCf<,É—  
¼'O[EŠg'£žq,ì[sEÀ,í, ,è,Ü,¹,ñ,ªASg'£žq,đč.txt£  
,É,μ,Ä,“,·,ÍfefLjXfgfGfffBf^,Å,ì•O[W,ª—e^Ö,Å,·B

,±,ì<@“\,íAfAfCfefššXfg“™A'½“,ì  
%ü'čfR[fh,©,ç^è•“,đ'í'đ,μ,ÄŽÀs,μ,½,čfP[fX,É“Á,É—L—  
p,Å,·BCEÀ•ÊE^êšžÀs,·,éfR[fhftfCfY,É,ÍEãqfTfCfY[sEÀ,ª, ,è,Ü,·,ªA“Ç,Ýž,šf  
XfNfŠfvfgftf@fCf<,ÍftfCfY,É,ì[sEÀ,í, ,è,Ü,¹,ñi³Šm,É,ÍfGfffBfbjgf{fbfNfXfR“fgf[f<  
,ì[sEÀ,ª, ,è,Ü,·,ªA^è”È“í,ÈfXfNfŠfvfgftf@fCf<,ª,»,ìãEÀ,É'B,·,é,±,Æ,í,Ü,·,³,č  
,Æl,ì,ç,è,Ü,·jB

,³,ç,ÉAfAfhfCEfXžw'è—pfGfffBfbjgf{fbfNfX,ì“à—  
e,đžæ,èžž,ñ,¾,èAWindows•t“@,ì“d'ì,©,çA,»,ì•Ž'í,đ,»,ì,Ü,Ü^½,č  
,Í16ifšfgfGfG“fffBfAf“,É•İŠ,μ,Äžæ,èžž,p,±,Æ,à%Å“\,Å,·B,½,¾,μA,±  
,ì“d'ì~ACEg<@“\,ìWindows98i“ñSEjã,Å,ì“@i,í-čŠm”F,Å,·B

## œ%ü'čfR[fhŽÀs,ÉŠÖ,·,éŝi-{'I,È'^ÓŽ-€

Ť^ê"x,É"Ç,Ý□ž,pfR□[fh•ŤŽš□",í□Ā'â"¼Šp10240•ŤŽš(%ü□sŠÜ,p)  
,Ā□A^ê,Ā,ĭ"ñ~A'±Ĉ^fR□[fh,ĭ□',«Š.,ĭftfCfY,í1024fofCfg,ā□āĈĀ,Ā,□B,½,¾,μ□Af\_f"fvĈ  
^<y,ŤfAfbfvf□□[fhĈ^fR□[fh,É,ĭ□',«Š.,ĭftfCfY,ĭ□šĈĀ,ĭ, ,è,Ü,¹,ñ□B

ŤŠefR□[fh,É—p,č,é'ĭ,ĭ16□ifx□[fX,·,È,í,ž, PfofCfg,đ"¼Šp,Q•ŤŽš,Ā<L□q,μ,Ā%ü°³,č□B  
č01£,đč1£"™□A,PfofCfg,đ"¼Šp,P•ŤŽš,Ā"ü—ĭ,μ,½□ê□ž,ĭ□A"-fĭftfgfEfFfA'x,ĀfR□[fh"ü—  
ĭf~fX,©"Ü,©□³Šm,É"»'f,Ā,«,Ü,¹,ñ□B

ŤŠefR□[fh,đ%ü□s,Ā<æ□Ø,é,±,Æ,É,æ,è□A•ĭ□"fR□[fh,ĭ^êšžžĀ□s,ā%üĀ"\  
,Ā,□B,Ü,½□AŠefR□[fh,ĭĈĕă,ÉfXfy□[fX,đ"ü,è,É,č,Ā%ü°³,č□B•ĭ□"fR□[fh't,ĭ  
%ü□s,ĭ,Ý,ĭ□s,ĭ-³ž<,μ,Ü,□B

Ť%ü'čfR□[fhžĀ□sžž,É□A,Ü,□',«Š.,ĭ"ĭ'í,đ"Ā'è,μ,Āf\_f"fvĈ^%ü'čfR□[fh,©"fĭ  
ftfgfEfFfA,ĭf\_f"fv<@"  
,Āf\_f"fv,đ□s,Ā,Ā,™,ĭ,ĭ□AĈĕă,É,»ĭf\_f"fvftf@fCf<,đfvf□fZfXf□f,fš□ă,ÉfAfbfvf□□[fh,·,é,±  
,Æ,Ā□A•K—vĈĀĤŠ,¾,ĭ,ĭfAf"fhfD,ā%üĀ"\,É,É,è,Ü,□B,Ü,½□AfR□[fh—š—đ<@"  
,đžg,Ā,Ā,ĭfšfhfD,à%üĀ"\,Ā,□B,É,™□Af\_f"fv<y,ŤfAfbfvf□□[fh,·,éftf@fCf<,É,ĭftf@fCf<-  
¼,âšg'£žq,ĭ□šĈĀ,ĭ, ,è,Ü,¹,ñ□B

Ť%ü'čfR□[fh,É-â'è,ā, ,é,ĭ□A%ü'č'ĭ□Ü,ĭftfš□[fY,â□Ā%üæ-É"™•s<ĭ□ž,đ□μ,,±  
,Æ,à, ,è,Ü,□B"-fĭftfgfEfFfA,Ā, ,é'ö"xfgf%ü□[fgf%üfbfv,đ□Y'è,μ,Ā,ĭ,č,Ü,·,ā□A  
%ü'čfR□[fh,ĭ"ü—ĭf~fX,É,ĭ, ,é,®,é,à,²□^Ó%ü°³,č□B

**□œfžžQ□ĭ□,,□',<□ž,Ý•s%üĀžž,ĭ'ĭ^,É,Ā,č,Ā**

%ü'čfR□[fhžĀ□sžž,É□A'ĭ□Üfvf□fZfX,ā□ĭ—¹,μ,Ā,č,È,č,É,àšÖ,í,č, ,□',<□ž,Ý•s%üĀ,Æ•\  
žĭ,³,é,½□ê□ž,ĭ□A,Ü, ,%ü'čfR□[fh,Āžw'è,μ,½fAfhfĈfX,É-â'è,ā,É,č,©  
čfvf□fZfXf□f,fš•Ò□W£,Āšm" F,μ,Ā%ü°³,č□B-  
â'è,ā,É,ĭ,é,ĭ□A"Ā'è□f,fšfGfšfA,ĭfvf□fefNfg'®□<,đč"Ç,Ý□',«%üĀ"\£,É•ĭ□X,·,é  
%ü'čfR□[fh,đžg—p,μ,Ā%ü°³,č□B

,Ü,½□Ačf.fWf...□[f<^ê—<y,Ťf□f,fšf}fbfv•žĭ£,Āf□f,fšf}fbfv,đ•\  
žĭ,μ□A□',«Š.,ĭ'ĭ□ÜfAfhfĈfX,đšÜ,pf□f,fšfGfšfA,ĭ'®□<,đ□',<□ž,Ý%üĀ"\,É•ĭ□X,·,é,±  
,Æ,Ā,à'ĭ□^%üĀ"\,Ā,□B,³,č,É□AWindows2000/  
XP□ă,Ā□',«Š.,ĭ'ĭ□ÜfAfhfĈfX,āfR□[fhfZfNfVf†f""à,É,č,ĭ□A—\  
,ĭ'ĭ□Üfvf□fZfX,ĭžĀ□sftf@fCf<,đčPEftf@fCf<,đžw'è,μ,Ā□Ā□\z£,Ā  
č'SfZfNfVf†f",É□',<□ž,Ý%üĀ"\®□<,đ•t%üĀ£,μ,Ā,™,•û-@,ā□Ā,àĈø%üĒ"ĭ,Ā,□B

# %ü'čfR[fh'Ž®<y,ŇŽg—p—á

œ%ü'čfR[fh'Ž®^ê—

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%º,³,č[i1A4"01A4"™]j

ffvf[fzfXŽ©"®Žw'è,.

f'Ž®,,

PROC:D:\Win2KDevelop\DevelopNeko\UsaTest.EXE

fvf[fzfX,ìŽÀsftf@fCf<,lftf<fpfX,đŽw'è,μ,Ä%º,³,č

fvf[fzfXfŠfXfg,©,ç'íŮfvf[fzfX,đ'l'đ,·,éêê‡,í•s—v,Á,·

f'^ÓŽ-€,,

,±,lfR[fh,đŽg—p,·,éêê‡,íA•K,·;i"fr[fh,ì't,ìA%º,ìs,lfR[fh,É,μ,Ä%º,³,č

,±,lfR[fhŽg—

pŽž,íAŽw'èfvf[fzfX,ìŮx×î•ňŽæ"¾,đfXfLfbfv,μ,Ü,·(fvf[fzfXÄ'l'đ,ÁŽæ"¾%Á)

fŠî-{"l,È%ü'čfR[fh,,

f'Ž®,,

;fRf"fg

č;£^È~%üqs,Ü,Á,đfRf"fg,Æ,μ,Ä-³Ž<,μ,Ü,·

450000-0F27

fAfhfCfX450000,©,ç2fofCfg,đç0F27£,Á',«'Ö,!,Ü,·

450000\$,x,³,Ò,â,ň

fAfhfCfX450000,©,ç10fofCfg,đ•ŇŽš—ňç,x,³,Ò,â,ň£,É'í%ž,·,é16i'l,Á',«Š,!,Ü,·

f'^ÓŽ-€,,

•ŇŽš—ňCE^fr[fhŽg—pŽž,íAfvf[fzfXf,fš•ÖW,ìu•ŇŽš—ňXVŽg—pqv,ìêê‡"

—lA',«ž,p•ŇŽš—ň'í%žfofCfifŠff[f^,ìl',É•K—v,É%ž,Ň,Ä'100h,đ'Ç%Á,μ,Ä

%º,³,čB,±,ìêê‡Af[fCf"fgffBfbgf{fbfNfX,Á•ŇŽš—ň'í

%žfofCfifŠff[f^,ì',«ž,ÝCE<%É,đ•Žl,³,¹,é,íA•ŇŽš—

ňl'[fAfhfCfX,âŠÈ'P,ÉŠm"F,Á,«,Ü,·,ì,ÁA,»,ìŽŸ,lfAfhfCfX,É'100h,đ',«ž,PfR[fh,đ'Ç

%Á,μ,Ü,·B

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450000>4500FF-01000000

fAfhfCfX450000,©,ç4500FF,Ü,Á,đç01000000£,ì~A'±,Á',«Š,!,Ü,·

450000>4500FF-050003FF{02

u050003FFv('IFF030005h),É'102h,đ%ÁŽZ,μ,È,ª,ç~A'±,Á',«Š,!,Ü,·

450000>4500FF-FFFFFF000500E703}30

fAfhfCfX450000,đ<N"\_,Æ,μ,ÄA30h,²,Æ,ÉçFFFFFF000500E703£,đ',«ž,Ý,Ü,·

č {£, Ā, Ī, Ę, č} £, Ā, ·, Ī, Ā □ ^ Ó, μ, Ā % °, ³, č

□ f Ž g — p — á □ i “™ □ · < % □ ” Ą ^ □ j □,,

Ž w' è, μ, ½ □', « Š, Ī “ à — e, Ī □ æ “², S f o f C f g, đ f \_ f u f < f □ □ [ f h, Ī' l, Ą, Ý, Ę, μ, Ā □ A Ž w' è, μ, ½ “™ □ ·, đ % □ Á Ž Z, μ, Ā, č, «, Ü, · □ B

f □ □ [ f Ą, Ī % □ ü ' č, Ā, Ī · □ ” f A f C f e f Ą ĩ · ñ, Ī ^ è Š † □', « Š, Ī “™, Ę — L — p, Ā, · □ B

**450000>4500FF-0100FFFF{02**

□ □', « Š, Ī □ Ą < % □ Ę, Ī č 0100FFFF 0300FFFF 0500FFFF...£

**450000>4500FF-01{01**

□ □', « Š, Ī □ Ą < % □ Ę, Ī č 01020304 05060708 090A0B0C...£

**450000>4500FF-00000303FFFF0000{10**

□ □', « Š, Ī □ Ą < % □ Ę, Ī č 00000303 FFFF0000 10000303 FFFF0000 20000303 FFFF0000...£

□ f' □ ^ Ó Ž — □ Ą □,,

~ A' ± Ą ^ f R □ [ f h, â “™ □ · < % □ ” Ą ^ f R □ [ f h, Ā, Ī □ A Ž w' è “ Ī ^ Ī f T f C f Y, ² □', « Š, Ī “ à — e, Ą, μ, Ā Ž w' è, μ, ½ f o f C f i f Š f f □ [ f ^, Ī f o f C f g □ ”, Ī “ { □ ”, Ā, Ę, č □ ê □ † □ A Ž w' è “ Ī ^ Ī “ à, Ā ^ Ā ' S, Ą □ Ī, Ī, ç, é, é □ ä Ą Ą, Ü, Ā □', « Ö, Ī, Ü, · □ Ī “ Ī ^ Ī Ž w' è f ~ f X, Ī % □ Ā “ \ □ «, ², , é, ½, β □ j □ B

□ f Ž Z □ p % □ □ Ž Z Ą ^ % □ ü ' č f R □ [ f h □,,

□ f' Ž @ □,,

**450000-03E7+**

□ ” f A f h f Ą f X 450000 ^ È □ ~, Ī 4 f o f C f g, đ f \_ f u f < f □ □ [ f h, Ī' l, Ą, Ý, Ę, μ, Ā č 03E7h£, đ % □ Á Ž Z

**450000-FFFFC19+**

□ ” f A f h f Ą f X 450000 ^ È □ ~, Ī 4 f o f C f g, đ f \_ f u f < f □ □ [ f h, Ī' l, Ą, Ý, Ę, μ, Ā č 03E7h£, đ Ą Ž Z ( · „ □ † · t, « □ @ □ ”)

**450000-03E7-**

□ ” f A f h f Ą f X 450000 ^ È □ ~, Ī 4 f o f C f g, đ f \_ f u f < f □ □ [ f h, Ī' l, Ą, Ý, Ę, μ, Ā č 03E7h£, đ Ą Ž Z

**450000-64\***

□ ” f A f h f Ą f X 450000 ^ È □ ~, Ī 4 f o f C f g, đ f \_ f u f < f □ □ [ f h, Ī' l, Ą, Ý, Ę, μ, Ā č 64h£, Ā □ æ Ž Z

**450000-64/**

□ ” f A f h f Ą f X 450000 ^ È □ ~, Ī 4 f o f C f g, đ f \_ f u f < f □ □ [ f h, Ī' l, Ą, Ý, Ę, μ, Ā č 64h£, Ā □ æ Ž Z, μ □ x, Ā □', « Š, Ī, Ī

□ f' □ ^ Ó Ž — □ Ą □,,

Ž Z □ p % □ □ Ž Z f R □ [ f h, Ā, Ī' l, đ f \_ f u f < f □ □ [ f h, Ą, μ, Ā ^ μ, č, Ü, · □ B Ž Z □ p % □ □ Ž Z f R □ [ f h, đ Ž g — p, μ, ½ Ą < % □ Ę □ Ą Ą ..., , Ó, ê “™, Ą f \_ f u f < f □ □ [ f h, Ī ^ Ī, đ ' , Ī, ½ □ ê □ †, Ī □ A, » , Ī ' % □ β · ², đ - ³ Ž < , μ, Ü, · □ B

, Ę, “ □ A ~ a, Ą □ ·, đ ^ μ, x □ ê □ †, Ī „ □ † · t, « □ @ □ ” □ A □ Ī, Ą □ x, đ ^ μ, x □ ê □ †, Ī „ □ †, Ę, μ □ @ □ ”, Ā % □ Ž Z, đ □ s, x, æ, x, Ę, μ, Ü, μ, ½ □ B, ½, ¾, μ □ A ~ \_ □ % □ □ Ž Z Ą ^

% □ ü ' č f R □ [ f h, Ā □ u, Q, Ī · â □ ” □ v, đ % □ □ Ž Z, ·, é, ±, Ą, Ā □ ³ · % □ □ „ □ †, Ī “ ½ ”, à % □ Ā “ \



,Å,·□B,Ü,½□A'100h,Å,ì□œŽŽ,í-³Ž<,μ,Ü,·□B

□æŽŽ^½,ç,í□œŽŽ,Å□A,©,Å%

%ŽŽ'í□Ü,ì'í,²f\_fuf<f□□[fh,Å,È,ç□ê□±,ì'í□^,í□AfAfhfçFjXŠÔ%%ŽŽç^fR□[fh,ìŽg—p—  
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**45000-00F477CFo**

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**45000-0F0FFF7F&**

□`fAfhfçFjX450000^È□~,ì4fofçfg,ðf\_fuf<f□□[fh,ì'l,Æ,Ý,È,μ,Äç0F0FFF7Fh£,ÅAND□^—□

**45000-FEFFFF7Fx**

□`fAfhfçFjX450000^È□~,ì4fofçfg,ðf\_fuf<f□□[fh,ì'l,Æ,Ý,È,μ,ÄçFEFFFF7Fh£,ÅXOR□^—□

**45000-7Fx**

□`fAfhfçFjX450000^È□~,ì1fofçfg,ðfofçfg,ì'l,Æ,Ý,È,μ,Äç7Fh£,ÅXOR□^—□

**45000-FFFFFFFx**

**45000-01+**

□`,±,ì,Q,Å,ìfR□[fh,ð'g,Ý□±,í,¹,ÄfAfhfçFjX450000,ìf\_fuf<f□□[fh'l,ì³•%°•,□†,ð"½"]  
,³,¹,Ü,(ç2,ì•â□"£,Æ,ç,ç,Ü,·)

□fŽg—p—á□,,

fAfhfçFjX46300,ìfofçfg,Åfrfbfg5,Æfrfbfg2,ìfrfbfgftf%o,fO,ðfZfbfg

**00463000-24o**

fAfhfçFjX46300,ìf\_fuf<f□□[fh,Åfrfbfg31,Æfrfbfg2,ìfrfbfgftf%o,fO,ðfZfbfg

**00463000-8000004o**

fAfhfçFjX46300,ìfofçfg,Åfrfbfg5,Æfrfbfg2,ìfrfbfgftf%o,fO,ðfNfŠfA

**00463000-FFFFFFDB&**

□`í□Ü,²fofçfg,Å,àf\_fuf<f□□[fh'P^È,Å%%ŽŽ,·,é•K—v,ª, ,é,±,Æ,É'□^Ó,μ,Ä%°³,ç

fAfhfçFjX46300,ìf\_fuf<f□□[fh,Åfrfbfg31,Æfrfbfg2,ìfrfbfgftf%o,fO,ðfNfŠfA

**00463000-7FFFFFFB&**

fAfhfçFjX46300,ìfofçfg,Åfrfbfg5,Æfrfbfg2,ìfrfbfgftf%o,fO,ð"½"]

**00463000-24x**

fAfhfçFjX46300,ìf\_fuf<f□□[fh,Åfrfbfg31,Æfrfbfg2,ìfrfbfgftf%o,fO,ð"½"]

**00463000-8000004x**

□f'□^ÓŽ-□€□,,



fAfhfCEfXŠŌ‰‰ŽZCE^fR[]fh,íA[]ã<LZZ[]p‰‰ŽZ,¨,æ,Ñ~\_—[]‰‰  
‰‰ŽZCE^fR[]fh'[],Ä,É“K—p‰‰Ä”\,Ä,·

ff\_f“fvCE^[]EFAfbfvf[][]fhCE^‰‰ü‘¢fR[]fh[],

ff\_f“Ž@[],

**450000<dump.dat>70**

ff\_fAfhfCEfX450000,©,ç70hfofCfG,ðftf@fCf<-¼¢dump.dat£,Ä“-f\  
ftfgfEfFfAZÄ[]sftf@fCf<,ª, ,éftfHf<f\_,Éf\_f“fv

**450000<c:\dump.dat>70**

ff\_fAfhfCEfX450000,©,ç70hfofCfG,ðftf@fCf<-¼¢dump.dat£,Äf\_f“fv  
ff\_f\_f“fv[]æ<y,Ñf\_f“fvftf@fCf<-¼,íŽ©—R,ÉŽw'è‰‰Ä”\,Ä[]A[]\$CEÄ,í, ,è,Ü,¹,ň

**450000<c:\dump.dat**

ff\_fAfhfCEfX450000^È[]~ ,Éftf@fCf<¢dump.dat£,ìfofCfifŠff[]f^ ,ðfTfCfY•ª[]‘,«[]ž,Ý

**450000<c:\dump.dat<20**

ff\_fAfhfCEfX450000^È[]~ ,Éftf@fCf<¢dump.dat£  
,ìfofCfifŠff[]f^ ,ð[]æ“ª,©,ç20hfofCfG•ª[]‘,«[]ž,Ý

ff\_fŽg—p—á[],

•i[]“fLfff‰‰ofNf^[][,ìfXfe[]f^fX(LEVEL[]A[]UCE,—í[]AHP[]A,» ,ì'¼ftf  
‰‰ofO)“™™ ,ð[]‘,«‘Ö,ì, ,éfp[]fX“™™ ,É—L—p,Ä,·[]B  
[]Ä[]‰‰,É^è[] ,ìfXfe[]f^fX,ð[]‘,«‘Ö,ì,Ä[]—CE^ ,ð[]ì[]¬,µ,Ü,·[]B

**450000-FF**

**450004-E703**

**450008-E703**

**45000C-FFFF**

**450010-FFFF**

**450014-03**

,±,è,ðf\_f“fv^½,¢,ífv[]fZfXf[]f,š[]ã,ì-¢Žg—p—ì^æ,É[]—CE^ ,Æ,µ,ÄfRfs[][,µ,Ü,·

**450000<c:\dump.dat>15**

¼,ìfLfff‰‰ofNf^[][,ìfXfe[]f^fXšì”[fAfhfCEfX,ÉfAfbfvf[][]fh^½,¢

,ìfRfs[][,µ,Ä[]‘,«‘Ö,ì,Ü,·[]B

[]Ä[]‰‰,É[]‘,«‘Ö,ì,½fLfff‰‰ofNf^[][,ìfXfe[]f^fX,ð'¼[]ÚfRfs[][,·,é•û-@,à, ,è,Ü,·[]B

**450100<c:\dump.dat**

**450200<c:\dump.dat**

**450300<c:\dump.dat**

ff\_fðCE[]•ªšðCE^‰‰ü‘¢fR[]fh[],

ff\_f“Ž@[],

**450000==<S64**

ff\_fAfhfCEfX450000,ìfofCfG,ì'l,ª64h,æ,è[]¬,È,çŽÝ,ìfR[]fh,©,çŽÀ[]s  
ff\_fðCE[],É“K[]‡,µ,È,¢,È,ç[]AŽÝ,ìŽÝ,ìfR[]fh,©,çŽÀ[]s

**450000==M270F**

□fAfhfCEfX450000,lf□□[fh,ì'l,²270Fh,È,çŽŸ,lfR□[fh,©,çŽÀ□s  
□□ðCE□,É“K□‡,μ,È,ç,É,ç□AZŸ,ìŽŸ,lfR□[fh,©,çŽÀ□s

**450000=>L01869F**

□fAfhfCEfX450000,lf\_fuf<f□□[fh,ì'l,²01869Fh,æ,è'â,È,çŽŸ,lfR□[fh,©,çŽÀ□s  
□□ðCE□,É“K□‡,μ,È,ç,É,ç□AZŸ,ìŽŸ,lfR□[fh,©,çŽÀ□s

**450000=!L270F**

□fAfhfCEfX450000,lf\_fuf<f□□[fh,ì'l,²270Fh,Å,È,˘,ê,îŽŸ,lfR□[fh,©,çŽÀ□s  
□□ðCE□,É“K□‡,μ,È,ç,É,ç□AZŸ,ìŽŸ,lfR□[fh,©,çŽÀ□s

**450000-00+**

**450000-FFFFFFF&**

**;fRf□f“fg**

□□ðCE□“K□‡Žž,Ü,½,í□ðCE□•s“K□‡Žž—pf\_f~□[fR□[fh□ifvf□fZfXf□f,fŠ,ð•ï%»³,¹,È,ç□

**□fŽg—p—á□,,**

ftf%ofO□□ó<μ,É%ž,¶,Ä“Á'èfpf%of□□[f^,ì'l,ð•ï%»^½,ç,í,»,ì,Ü,Ü,ì□ó'Ô,Å•Ê,lfpf  
%□□[f□□[f^,ÉfRfs□

**00463070=>S07**

**00463100-64**

**00463070==S00**

**00463100-32**

**00463070=<S08** □G-{-,í,È,.,Ä,à,æ,ç,²□^—□,ð,í,©,è,â,.,.,,é,½,ß'Ç

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**00463100-00+** □G“˘□ã□A□ðCE□“K□‡Žž,É,È,É,à,μ,È,ç—á

%**00463100>463104-01** □G□Á□l“l,Éfpf%of□□[f^,ì'l,ðfRfs□

**□f'□^ÓŽ-□€□,,**

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p,í□A•;□“fR□[fh,ì^êšžŽÀ□s,²'O'ň,Æ,È,è,Ü,·□B,Ü,½□A□ðCE□•²šð,·,é^è□ã□AŽw'è□ðCE□  
“K□‡Žž,Æ•s“K□‡Žž,ì—¼•û,ì□^—□,²'¶□Y,·,é,±,Æ,ð'z'è,μ,Ä,ç  
,Ü,·□B,»,ì,½,ß□A□ðCE□•²šðCE^fR□[fh,ìCEã,É□A,Q,Å^È□ã,lfR□[fh,²,È,˘,ê,îCEx□□,μ,Ü,·□  
B,à,¿,è,ň□A□ðCE□•s“K□‡,Æ,ÍŠÖCEW,È,ç•Ê,lfR□[fh,Å,à□AŽw'è□ðCE□“K□‡ŽžfR□[fh,ìŽŸ,  
É,·,è,í□ðCE□•s“K□‡Žž,lfR□[fh,Æ,Y,È,μ,ÄCEx□□,í□s,ç,Ü,¹,ň□B

□ðCE□“K□‡Žž^½,ç,í□ðCE□•s“K□‡Žž,lfR□[fh,²^ê□∅•s—v,È□è□‡,í□A fR□[fh,Æ,μ,Ä^Ó-

;,ð,È,³,È,çfRf□f“fg□A'100h%□ÁŽž,â'IFFFFFFFFfh,Å,ìAND□^—

□fR□[fh“™,ðf\_f~□[,Æ,μ,Ä'Ç%□Á,μ,Ä%□□,³,ç□B□ðCE□•²šðCE^fR□[fh,ì”»'è—

p'l,í,.,□†,È,μ,ì'l,Æ,μ,Ü,μ,½□B,È,˘□A□ðCE□•²šðCE^fR□[fh,ì□'Ž®,íCE¾CEè,ðŽQ□,É,μ,  
Ä,ç,Ü,·□B

□ðCE□•²šðCE^fR□[fh,ì□ðCE□”»'è”'l,lfTfCfY,í□A•K,·<L□†çS,M,L£,ÅŽw'è,μ,Ä%□□,³,ç□B

□ffRfs□[CE^%□ü'çfR□[fh□,,

**□f'Ž®□,,**

**%450000>450100-08**

□fAfhfCEfX450000,©,ç8hfofCfg,lfofCfifŠff□[f^,ðfAfhfCEfX450100^È□~,ÉfRfs□

ff' ^ ÓŽ-€,,

fRfs[ [CE ^fR[fh, íA-U"l, lfAfhfCEfX, ÉŠi"[, ³, ê, ½'l, ð^ê'U•Ê, ìèèŠ, É'p"ð, ³, ¹, é—p"r, Å—  
p, ç, é, ±, Æ, à%oÅ"\, Å, ·BfRfs[ [, ³, ê, ½'l, ðfofbfNfAfbfv, Æ, µ, ÅAfRfs[ [CE³, ì-  
Ú"l, lfAfhfCEfX, ÉŠi"[, ³, ê, ½'l, É'í, µAŽZp%o%oŽZ, âAAND^—  
[, É, æ, éfrfbfgf}fXfN"™, ðŽ{, µAAX, ÉðCE[·ªŠò"»'è, ³, ¹, ½[ã, ÅA•K—v, É  
%ož, ¶, ÅfofbfNfAfbfv, ©, ç'l, ð', «-ß, ·, ±  
, Æ"™, ÉŽg, ¡, é, ÆŽv, í, ê, Ü, ·B, à, ç, ë, ñA[ã, É<" , °, ½—  
á, ÉCEÀ, ç, ·A[L'í'í, lfofCjifŠff[f^fofbfNfAfbfv, â·j"%"ÓŠ, ÉfRfs[ [ , ·, é, ½, ß, ì—  
CE ^ì[·—™, É, àfRfs[ [CE ^fR[fh, í—L—p, Å, ·B

, È, "A, ±, ì, æ, x, È^èŽž'p"ð—pfRfs[ [æ, É, íAf[f, fŠ[ã, Éfvf[fOf%of€, ì-  
{'ì,ª"WSJ, ³, ê, ½[ìCEµ-š, É, Í'Ú, È, é[f, fWf... [f<fGfŠfA"àŠefZfNfvf#f", ì<ó, «—  
ì^æ, ðŽw'è, ·, é, ì,ª"K[Ø, Å, ·B

fRfs[ [ "í'í,ª[L'í'í, ©, Å'p"ð—p"r, Å<ó, «—  
ì^æ,ªCE©, Å, ©, ç, È, çèè[#, íAf\_f"fvCE ^<y, ÑfAfbfvf[ [fhCE ^fR[ [fh, ìŽg—  
p,ª, " [š, ß, Å, ·B

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ff' ^ Ž@,,

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Quit

450000-9F860100

[·ðCE[·ªŠòCE ^fR[ [fh'¼·j" fR[ [fhŽÀ[sŽž, ÉŽg—p, µ, Ü, ·BçQuit£  
, ÅfR[ [fhŽÀ[s, ðfLfff"fZf<, µ, Ü, ·B

ffXfNfŠfvgftf@fCf<"Ç, Ý[ž, Ý,,

ff' ^ Ž@,,

#C:\game\code.txt

[·çcode.txt£, É[', «[ž, Ü, ê, ½%oü' çfR[ [fh, ð^êŠžÀ[s(ftf@fCf<-¼[ESg'£Žq[šCEÀ, È, µ)

ff' ^ ÓŽ-€,,

, ±, ìfR[ [fh, íA'¼, ìfR[ [fh, Æ"r'¼"l, É" @ [ì, µ, Ü, ·, ì, ÅA'¼, ìfR[ [fh, Æ, í·¹—p·s%oÅ, Å, ·B  
fXfNfŠfvgftf@fCf<, ìpfX, íA"~ftf@fCf<,ª"-f[ftfgfEfFfAŽÀ[sftf@fCf<, Æ"~ , ¶ftfHf<f\_, É, , é  
èè[#, ìftf@fCf<-¼, ì, Ý, Å, à%oÅ"\, Å, ·Bftf@fCf<-¼, ì, ÝŽw'èŽž, ÉŠO·"—  
v^ö, É, æ, è·s<ì[#,ª[o, ½[è[#, ìftf<fpfX, ÅŽw'è, µ, Å%oº, ³, ç[B

ff"Á'è[ff, fŠfGfŠfA, ìfv[ [fefNfg' @ [«, ðç"Ç, Ý[', «%oÅ"\£, É·ì[X,,

ff' ^ Ž@,,

A0040100S00005000

[·fAfhfCEfX401000, ð[æ"ª, Æ, ·, éTfCfY5000h, ìf[ff, fŠfGfŠfA, ðŽw'è, µ, Å[', «[ž, Ý%oÅ"\  
, É, µ, Ü, ·

ff' ^ ÓŽ-€,,

fAfhfCEfX,ÆFTfCfY,Í,SfofCfG,Å,ì“ü—  
Í•K□{,Å□AfAfhfCEfX,Í•K, Žw'èf□f,šfGfšfA□æ“ª□AFTfCfY,Í•K, Žw'èf□f,šfGfšfA,lfTfCf  
Y^È%º,É,µ,Å%º,³,ç□B

□œ“ÁŽê%ü‘çfR□[fh,ì□‘Ž® ,ÆŽg—p—á  
□ff|fCf“f^CE^%ü‘çfR□[fhŽg—p—á□,,

ŠŽnfAfhfCEfX,ð□u\*f|fCf“f^fAfhfCEfX>fAfhfCEfX•â³—p□“‘l(•%º,ì'l  
%ºÅ□A16□i□)□v,É'u,«Š·,!,Å,,¾,³,ç□Bf|  
fCf“f^Žw'è,í□ã·L,ì□',«Š·,!,ð□s,xfR□[fh,·,x,Ä,É“K—p%ºÅ“\,Å,·□B  
~A'±CE^%ü‘çfR□[fh,ÆfRfs□[CE^%ü‘çfR□[fh,Í,»,ì□«Ši□ã□Ž® ,ª•ï□X,³,è,Ü,·□B

f|fCf“f^fAfhfCEfX450000,lf\_fuf<f□□[fh,ì'l,É100h  
%ºÅŽZ,µ,½'l,ðŠŽnfAfhfCEfX,Æ,µ,Å□',«Š·,!  
**\*450000>0100-0F27**

f|fCf“f^Žg—pŽž,ì~A'±CE^  
%ºü‘çfR□[fh□BŠŽnfAfhfCEfX,©,ç50hfofCfG,ð□u01000000□v,ì~A'±  
,Å□',«Š·,!□B“™□·<%º□“CE^%ü‘çfR□[fh,à“—l,Å,·□B  
**\*450000>0100>50-01000000**  
□“ŠŽnfAfhfCEfX,Í□Af|fCf“f^fAfhfCEfX450000,lf\_fuf<f□□[fh,ì'l,É100h  
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f|fCf“f^Žg—pŽž,lfRfs□[CE^  
%ºü‘çfR□[fh□BfRfs□[CE³fAfhfCEfX,©,ç20hfofCfG□æ,É10hfofCfG•ª,ðfRfs□[  
**\*%450000>0100>20-10**  
□“fRfs□[CE³fAfhfCEfX,Í□Af|fCf“f^fAfhfCEfX450000,lf\_fuf<f□□[fh,ì'l,É100h  
%ºÅŽZ,µ,½'l,Å,·□B

fAfhfCEfX•â³—p□“‘l,ÆfRfs□[□æfAfhfCEfXŽw'è,É•%º,ì'l,ðŽw'è,µ,½fP□[fX  
**\*%450000>FFFFFFE0>FFFFFFE0-10**  
□“fRfs□[CE³fAfhfCEfX,Í□Af|  
fCf“f^fAfhfCEfX450000,lf\_fuf<f□□[fh,ì'l,©,ç20hCE,ŽZ,µ,½'l,Å,·□B

f|fCf“f^fAfhfCEfX450000,ì'l,ª982000h,Å—Ú“l,lfAfhfCEfX,ª,»,ì4000h□æ,É, ,é□è□‡  
**\*%450000>4000>012000-04**  
□“fAfhfCEfX986000,lf\_fuf<f□□[fh(4h),ì'l,ðfAfhfCEfX998000,ÉfRfs□[

□ffQ□[f€“™ ,ì'½□df|fCf“f^‘î□^—á□,,

**\*450000>20/01A0/4000/0280/0280-E703**  
□“fAfhfCEfX450000,İšì“‘l,É20h%ºÅŽZ,µ,½'l,ðŽŸ,lf|fCf“f^,lfAfhfCEfX,Æ,µ□A,»,lf|  
fCf“f^,İšì“‘l,É01A0h,ð%ºÅŽZ,µ,Ä,³,ç,ÉŽŸ,lf|fCf“f^□D□D□D,Æ,ç,æ,æ,æ,  
,ÉCE,è•Ô,µ,Ü,·□B

□f%º%ºŽZCE<%ºÊ,ð'î□ÚfAfhfCEfX,Æ,·,é□è□‡□,,

□fAfhfCEfX500000,ífvf□fZfXf□f,fŠ□ã,ì-çŽg-p-ì^æ  
500000-04000000  
500000-0F\*  
500000-450000+  
\*500000>100<ParasiteCode.dat

□fç%ü'çfR□[fh"ü—í•â□•£,Å,ìfAfcfef€'í'ð—á□,,  
^È%ü°³,ìfR□[fh—á,ð□',«□ž,ñ,¾fXfNfŠfvfgftf@fCfç,ð%ü'çfR□[fh"ü—í•â□•ç@"\  
,Å"Ç,Ý□ž,ß,ì□ACEÂ•ÈfAfcfef€,ð'í'ð,μ,ÅSY"–fR□[fh,ðŽÀ□s%ü°Å"\\,Å,·□B

;fXfNfŠfvfgftf@fCfç-¾,ìçCodeSample.txt£"™  
;fAfcfef€fSfXfg—á

;CE□(fCEfxfçMAX)  
450000-0100FF00  
;'Z"□(fCEfxfçMAX)  
450000-0200FF00  
;žž-\_(fCEfxfçMAX)  
450000-0300FF00  
;'„(fCEfxfçMAX)  
450000-0400FF00  
;<|(fCEfxfçMAX)  
450000-0500FF00  
;“(fCEfxfçMAX)  
450000-0600FF00  
;'·“(fCEfxfçMAX)  
450000-0700FF00

□ffT□[f`CE<%ü°È,ðŽg,Á,ÅŠÂ<<^È'¶CE^•í" @fAfhfCEfX,É'í□^,·,é□é□#□,,  
□fAfhfCEfX403FFC,ífvf□fZfXf□f,fŠ□ã,ì-çŽg-p-ì^æ

;fAfhfCEfX403FFC,ÉHPfT□[f`CE<%ü°È,ìHPŠi" [fAfhfCEfX,ðfŠfgfçfGf"fffBfAf"•ù  
Ž®,Å"ü—í  
403FFC-  
\*403FFC>00-E703E703  
\*403FFC>10-24o  
\*403FFC>1C>20-FF

□fŽQ□□,,DLLf,fWf...□[fç,É'®,·,éfAfhfCEfX,ì□',«Š·,ì,É,Å,ç,Ä  
,±,ì□é□#,ì□AfffofbfK,Å%ü°ð□í'í□Ü,ª"–  
ŠYDLL,ðf□□[fh,μ,Å,»„ìDLL"à,ìŠÖ□"fAfhfCEfX,ðŽæ"¾,·,éfc□[f`f",ð"ç^¬,μ□A,»„ìŠÖ□"fAfhfCEfX,ðŠi" [,μ,½•í□",ðf|fCf"f^,Æ,μ,Äf|fCf"f^CE^%ü°ü'çfR□[fh,Å'í□^,μ,Å  
%ü°³,ç□B,à,μ,à,±,ì•í□",ªfO□□[fofç,Å,É,ç□é□#,ì□Afpf  
%ü°fTfCfçfçç□[f`f",ð'Å,ž□ž,ñ,Åfvf□fZfXf□f,fŠ□ã,ì-çŽg-p-  
ì^æ,ÉŽæ"¾,³,è,½ŠÖ□"fAfhfCEfX,ðfRfs□[,μ,½□ã,Å□A,»„ìfRfs□[□æ,ðf|fCf"f^,É,μ,Äf|fCf"f^CE^%ü°ü'çfR□[fh,ðŽg-p,μ,Å%ü°³,ç□B,±,ìfAfvf□□[f`É,½,è□ADLL(f\_fCfif~fbfN

fŠf“fNf%ofCfuf%ofŠ)□ALoadLibraryŠÖ□“<y,ÑGetProcAddressŠÖ□“,É,Â,ç,Äfvf  
%ofbfgftjH□[f€SDK“™,ìŽ’—¿,É-Ú,ð’È,³,ê,é,±,Æ,ð,“□§,ß,μ,Û,·□B

□fŽQ□□,„fvfÇfCfXfe□[fvf†f“,ìfGf~f...fCE□[f^çePSXe£—p,ìPARfR□[fh,É,Â,ç,Ä  
“-fvftfgfEfFfA—p%ü’çfR□[fh,Æ,ì•İŠ·,É,Â,ç,Ä,í□A^È%ü,ìfR□[fh,ðŽQ□l,É,μ,Ä  
%ü,³,ç□B,Û,½□A¼,ìfGf~f...fCE□[f^,À,àf|fCf“f^Ç^fR□[fh,Ä“—l,É’í□^,Ä,«,éfP□[fX,ª,  
é,Æ□l,¡,ç,ê,Û,·,ì,À□AZŽ□s,³,ê,é,±,Æ,ð,“□§,ß,μ,Û,·□B

**;ePSXe Ver1.6.0 fXfyfVfff<,É,±,Û,ñ,Ü,T,V□†—p%ü’çfR□[fh  
;“SCE□,R**

**;;P,o’ì—í□Á’á  
;300AAAB6 008C  
\*41CC69>0AAAB6-8C**

**;;SfLfff%o/‘S,R,ofjf%o□[Žg—p%ü’çfR□[fh  
;800992C8 FFFF  
;800992CA 001F  
;800992CC 03A2  
;800992CE 0005  
\*41CC69>0992C8-FFFF1F00A2030500**

□œ%ü’çfR□[fh,ì“Š□e  
“-fvftfgfEfFfA—p,É□»□ì,³,ê,½%ü’çfR□[fh,É,Â,ç,Ä,í□A^È%ü,ì  
%ü’çÇenfTfCfG,É“Š□e,³,ê,é,±,Æ,ð,“□§,ß,μ,Û,·□B

çDANA,ì•”%ü®£  
<http://www.geocities.co.jp/Playtown/8052/>

ç,f,`,l,d,Èfy□[fW£  
<http://p16.aacafe.ne.jp/~sinzan/index.html>



# <N“®Žž%ü‘çfR[]fhŽ©“®ŽÀ[]s

## ☐œŠT—v

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 çCheatFileOnStart=£,Æ,ç,æfL[][,ð’Ç%oÁ[]ì[]—,μ,Ü,·[]B,±  
 ,ìfL[][,ÅfXfNfŠfvgftf@fCf<,ìfpfX,ðŽw’è, ,é,Æ[]A“—f\  
 ftfgfEjFfA<N“®Žž,É,» ,ìfXfNfŠfvgftf@fCf<,ðŽ©“®ŽÀ[]s,μ,Ü,·[]BfXfNfŠfvgftf@fCf<,“—  
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 ,Å,·[]B,à,μ,àŠO•“—v^ö,É,æ,èftf@fCf<-  
 ¼,¾, ,ìŽw’è,Å•s<i[]±,“ñ[] ,ñ,½[]ê[]±,í[]Aftf<fpfX,ÅŽw’è,μ,Ä%o°,¾,ç[]B

## ☐œ’[]^ÓŽ—[]€

,±,ìŽ©“®ŽÀ[]s,ì[]Ú,É,í[]A’í[]Úfvf[]fZfX,ì[]Ú[]×[]î•ñŽæ“¾[]E•\Ž![]^—  
 [],ðfXfLfbfv,μ,Ü,·[]B,»,ì,½,ß[]A•K—v,É%ož,ñ,Ä“—f\  
 ftfgfEjFfA,ìf[]fCf“fEjBf“fhfE[]Å[]ä•”,É , ,éfvf[]fZfXfŠfXfg,©,ç’í[]Úfvf[]fZfX,ð[]Ä’l’ð,μ,Ä  
 %o°,¾,ç[]B

,±,±,ÅŽw’è, ,éfXfNfŠfvgftf@fCf<,ì[]Å[]%o,ì[]s,ìfR[]fh,í[]A•K, ,çPROC:  
 £fR[]fh,ðŽg,Å,Ä’í[]Úfvf[]fZfX,ìŽÀ[]sftf@fCf<,ðftf<fpfX,ÅŽw’è,μ,Ä%o°,¾,ç[]BçPROC:£  
 ,l’O,É%oü[]s,ì,Ý,ì[]s,“ , ,é[]ê[]±,Å,àfGf%o[][,Æ,È,è,Ü,·[]Bftf<fpfXŽw’è,É,μ,½,ì,í[]A“—  
 ¼fvf[]fZfX,“ñ[]Ý, , ,éfp[]fX,É’í[]^ , ,é,½,ß,Å,·[]B, , ,É,Ý,É[]A“—f\  
 ftfgfEjFfA[]f[]fCf“fEjBf“fhfE,ìfvf[]fZfXfŠfXfg,Å,í[]A[]€—  
 Ú’l’ðžž,Éfvf[]fZfX,ìŽÀ[]sftf@fCf<,ìftf<fpfX,ðfNfŠfbfvf{[]fh,ÉfRfs[][,μ,Ü,·[]B

%oü‘çfR[]fh“ü—í—pfGfffBfbfjf{fbfNfX,É“ü—í,μ,½•i[]”,ì  
 %oü‘çfR[]fh,ð^èšžŽÀ[]s, , ,é[]ê[]±,â[]Aç#£  
 ,ìfXfNfŠfvgftf@fCf<“Ç,Ý[]ž,ÝfR[]fh,ðŽg,æ[]ê[]±,à[]A[]ä<L“—l,ÉçPROC:£fR[]fh,ðŽg—  
 p, , ,é[]ê[]±,í•K, , ,Å[]%o,ì[]s,ìfR[]fh,ÅŽg—p,μ,Ä%o°,¾,ç[]B

## ☐œŽQ[]

fL[][,ìŽw’è—á  
 CheatFileOnStart=D:\Win2KDevelop\DevelopNeko\UsatestCheat.txt  
 fXfNfŠfvgftf@fCf<,l“à—e—á[]i[]ä<LfL[][Žw’è—á,Å,íçUsatestCheat.txt£[]  
 PROC:D:\Win2KDevelop\DevelopNeko\UsaTest.EXE  
 ;çPROC:£fR[]fh,ìfpfX,ì’á•ñŽš[]E[]—•ñŽš,ð<æ•É,μ,Ü,¹,ñ  
 004020FC-E703  
 \*00402100>1000-64

# Qifrfbfgjpf^ [f" EOR EAND EX OR

Qifrfbfgjpf^ [f" i, P, U i", AE, Q i", i'í%ž•\j

^È%º,đŠo,|,Ä,µ,Ü,±,Æ,đ, "§,β,µ,Ü,·BPCfQ [f€,ì%đ [É, ", ç, Ä, Qifrfbfgjpf^ [f", ì'mŽ", íACG,», ì'¼ftf%ofo, ìjft" [Ejft, đŠefrfbfg, ìó'Ô, ÅŠi" [µ, Ä, ç, éfP [fX, ì%đ [í"™, É-đ-š, ç, Ü, ·iCGALL, aç 7FFF...FFFE£"™, ìfP [fX]jB

Šefrfbfg, É, í1, Ü, ½, í0, ì, ç, , è, ©, ì'l, aŠi" [³, èA,», ì'g, Ý [±, í, ¹, Å "Á'è, ì'l, đ•\, µ, Ä, ç, é, ±, Æ, É' [Ú, µ, Ä%º, ³, çB, PfofCf, í, Wfrfbfg, Å [ \ - , ³, è, Ü, ·B" , ¶jpf^ [f" , Å [ " 'l, đ•\ , · [ã^ Ê, Sfrfbfg, Æ%º^ Ê, Sfrfbfg, đ•ª, -, Ä [l, |, é, Æ•ª, ©, è, â, ·, ç, ÆŽv, ç, Ü, · ( [ã^ Ê, Sfrfbfg, Æ%º^ Ê, Sfrfbfg, ìŠÖ, ÉfXfy [fX, đ"ü, è, Ä, Ý, Ü, µ, ½)B

00h=0000 0000	01h=0000 0001	02h=0000 0010	03h=0000 0011
04h=0000 0100	05h=0000 0101	06h=0000 0110	07h=0000 0111
08h=0000 1000	09h=0000 1001	0Ah=0000 1010	0Bh=0000 1011
0Ch=0000 1100	0Dh=0000 1101	0Eh=0000 1110	0Fh=0000 1111

—á, |, íA4h=1010 0100, Æ, È, è, Ü, ·B, ±, ì, Qifrfbfgjpf^ [f" , Å, ìÅ%º^ Êfrfbfg [i, ±, ±, Ä, í, à, Ä, Æ, à%ºE [j, ì0, aŠi" [³, è, Ä, ç, é [è [Š, đ [ufrfbfg0 [v, ÆÆÄ, Ñ [A<t, É [Å [ã^ Êfrfbfg [i, ±, ±, Ä, í, à, Ä, Æ, à [¶ [j, ì1, aŠi" [³, è, Ä, ç, é [è [Š, đ [ufrfbfg7 [v, ÆÆÄ, Ñ, Ü, ·B, », ìŠÖ, í%ºE, ©, ç [±, É [ufrfbfg1 [v, ©, ç [ufrfbfg6 [v, Å, ·Bf\_fuf<f [fh, È, ç [ufrfbfg0 [v, ©, ç [ufrfbfg31 [v, Æ, È, è, Ü, ·B

Qe~ \_ [%%ºŽZ, É, Ä, ç, Ä

ŽZ [p%º%ºŽZ, Æ^ Ù, È, èA, Qifrfbfgjpf^ [f" [ã, Å, ì%º%ºŽZ, a [s, í, è, Ä, ç, é, ±, Æ, É' [Ú, µ, Ä%º, ³, çB16 [i, ì'l, đ^è'U2 [ifrfbfgjpf^ [f" , É•İŠ, µ, Ä~ \_ [%%º%ºŽZÆä, É16 [i, É-β, µ, Ü, ·B

~ \_ [%%º%ºŽZ, Å, í- { - ^ " [í"™ , ì~ \_ [%%º%ºŽZ<L [t, đ-p, ç, Ü, ·, a [A^ È%º, Å, í, í, ©, è, â, ·, -, ·, é, ½, β, É [AŽZ [p%º%ºŽZ<L [t, ì" + " , Æ"X" , đ-p, ç, Ü, µ, ½B, Ü, ½ [A" -fjftgfEjffA, ì%ºü' çfR [fh, Å, í [Afr [fh, Æ, µ, Ä<L [q, ·, é [Ü, ÉOR, ÆXOR, ì<L [t, đ<L [q, µ^ Ö, -, ·, é, ½, β, É [A•Ê, ì<L [t, đ-p, ç, Ä, ç, Ü, ·B, È, " [A~ \_ [%%º%ºŽZ, đ•\, ·<L [t, í [Afvf [fOf%ºf~f"foCE¾4CEê, Å, í- { - ^ , ì~ \_ [%%º%ºŽZ<L [t, Æ, í•Ê, ì<L [t, đ-p, ç, éfP [fX,ª, , è, Ü, ·B

^È%º, íBlueAsh, ³, ñ, aŠñ [e, ³, è, ½ [uExGAME [vVol, T, ì<LŽ-, đŽQ [i, É, ³, ¹, Ä' , , «, Ü, µ, ½B

Qe [fOR (~ \_ [~a) [ , ,

~ \_ [~a, È, ", , éfrfbfg%º%ºŽZjpf^ [f" 0+0=0

0+1=1  
1+0=1  
**1+1=1**

OR%00%ŽZ—á□B,Q□ifrfbfjpf^□[f“□ā,Å□ufrfbfg0□v,È,ç□ufrfbfg0□v“~Žm,Å□ā,ì%  
%ŽZfjpf^□[f“,đ“K—p,μ,Û,·□B

14h,Æ35h,ìOR,đ%00%ŽZ,·,é—á

14h(00010100)□E□E□Efrfbfg0(^ê”Ô%0E’x),í0  
35h(00110101)□E□E□Efrfbfg0(^ê”Ô%0E’x),í1

-----  
35h(00110101)□E□E□Efrfbfg0,Å,í0+1,Å1□Afrfbfg,P,Å,í0+0,Å0□Afrfbfg2,Å,í1+1,Å1□  
Afrfbfg3,Å,í0+0,Å0□Afrfbfg4,Å,í1+1,Å1□Afrfbfg5,Å,í0+1,Å1□Afrfbfg6,Å,í0+0,Å0□Afrfbfg7,Å,í0+0,Å0□B

### □œ□fAND(~\_—□□ï)□,,

~\_—□□ï,É,“,~,éfrfbfg%00%ŽZfjpf^□[f“

0X0=0  
0X1=0  
1X0=0  
1X1=1

AND%00%ŽZ—á□B

□ā,ì%00%ŽZfjpf^□[f“,đœ©,ê,í,í,©,é,æ,x,É□A“Á’èfrfbfg,ì’t□g,ª0,È,ç,î□A,»,ì%  
%ŽZ’í□Û,Æ,È,éfrfbfg,ì’t□g,ª1,©0,©,ÉŠÖ,í,ç, ,%00%ŽZœ<%0É,í0,Æ,È,è,Û,·□B,±  
,ì□«Ž,đ—~—p,μ,Å□A—á,!,ì0Fh(00001111),Å1fofCfg,ì’l,ÉAND%00%ŽZ,đ□s,!,î□A%  
%ŽZ’í□Û,ì’l,ì%0^Ê,Sfrfbfg,É,í%0e<ç,đ—^,!,,,É□ā^Ê,Sfrfbfg,ìŠefrbfg,đ0,É,μ,Ä,μ,Û,x  
,±,Æ,ª%0Ä“\,Å,·□B,±,ì,æ,x  
,É’€□i,đ□ufrfbfgf}fXfN,đ,©,~,é□v,â□ufrfbfg,ìftfBf^f^fšf“fO,đ□s,x□v,Æ,ç,x,±,Æ,ª, ,è,  
Û,·□B,È,“□AŽÀ□Û,É,í□u□ā^Ê4frfbfg□v,Å,í,È,-  
f\_fuf<f□□[fh,ì’l,É’í,·,éfofCfg,âf□□[fh^P^Ê,Å,ìf}fXfN,ª^ê”Ê“l,Å,·□B

14h,Æ35h,ìAND,đ%00%ŽZ,·,é—á

14h(00010100)  
35h(00110101)  
-----  
14h(00010100)

### □œ□fXOR("r¼“l~\_—□~a)□,,

"r¼“l~\_—□~a,É,“,~,éfrfbfg%00%ŽZfjpf^□[f“

0+0=0  
0+1=1

1+0=1  
1+1=0

XOR%%%ŽZ—á□B  
□ã,ì%%%ŽZfpf^□[f“ ,ì%º,Q—á,ðŒ©,ê,î,í,©,é,æ,κ,É□A“Á’èfrfbfg,ì’t□g,ª1,È,ç,Î□A,» ,ì  
%%%ŽZ’Î□Û,Æ,È,éfrfbfg,ì’t□g,Í0,©,ç,P,Û,½,Í,»,ì<t,Ö,Æ”½“]  
,μ,Û,(frfbfg”½“])□B,Û,½□A“~ ,¶’l,Â,Q“xXOR%%%ŽZ,ðŽ{ ,¹,ì%%%ŽZ’Î□Û,ÍŒ³,ì’l,É-  
ß,è,Û,·□B,±,ì□«Ž¿,ð—~—p,μ,Ä□AfQ□[f€“™ ,Äff□[f^ ,ìŠÈ’P,È^Ä□t%» ,Æ•œ□t%» ,É—  
p,ç,ç,ê,é,±,Æ,ª ,è,Û,·□B,³,ç,É“~ ,¶’l“~Žm,ÄXOR%%%ŽZ,ðŽ{ ,¹,ì%  
%%ŽZŒ<%É,í00h,Æ,È,é,½,ß□Af\ftfgfEfffA,ì“à•”□^—□□ã,ÄfŒfWfXf^□iCPU“à,É, ,é“Á  
Žê,Èf□f,š,ì,±,Æ□j,â“Á’èf□f,ššfAfhfŒfX,Éšì”[ ,³,ê,½’l,lfNfššfA,É—p,ç,ç,ê,é,±,Æ,à ,è,Û  
,·□B

,È,“□AfQ□[f€“™ ,ÄfZ□[fuf□[f^ ,âfvfifššifff□[f^ ,ìŠÈ’P,È^Ä□t%» ,Æ•œ□t%» ,É—p,ç  
,é□ê±,Í□A,PfofCfg,ì’(FFh“™ ),Ä’Sff□[f^ ,É’Í,μXOR□^—□,ð□s,xfP□[fX,ª•p—  
p,³,ê,Û,·□B,±,ì,æ,κ  
,ÈfP□[fX,Â,í□AfwfLft□ifofCfifšš□jfGfffBf^ ,ÄfofCfifššff□[f^ ,ðŒ© ,ê,î□Œ³□X,ìff□[f^ ,Á00  
h,Â ,Á,½%Ó□š,í’□,ÄXOR□^—□,ðŽ{ ,·’l□iFFh“™ □j,É,È,è,Û,·,ì,Â□AZ<š“l,É•ª,©,è^Ö,ç  
,ÆŽv,ç,Û,·□B

,È,“□AçŠÈ^ÖfofCfifššftf@fCf<□’,«Š,·,š<@”\  
,Â,ífofCfifššftf@fCf<,É’Í,μ1fofCfg,â4fofCfgfx□[fX,ì”í’íŽw’èXOR□^—□,ª%Â”\,Â,·□B

14h,Æ35h,ìXOR,ð%%%ŽZ,·,é—á

14h(00010100)  
35h(00110101)  
-----  
21h(00100001)

# „f•â‘«□„•„□t•t,«□®□”□E•„□t,È,μ□®□”

## „œ•„□t•t,«□®□”

•„□t•t,«□®□”,Æ,Í□ACPUfA□[fLfefNf^ff,É,“,ç,Ä,Í•„□t•t,«2□i□”,đŽw,μ,Ü,·□BŠî-  
{“l,ÈŠi”[‘P^Ê,ÍfofCfg□i,PfofCfg□j□Af□□[fh□i,QfofCfg□j<y,Ñf\_fuf<f□□[fh□i,SfofCfg□j,Å□A  
^È%°°,ì'l,ì”í’í,Æ,È,è,Ü,·□B  
fofCfg□F-128 □` +127  
f□□[fh□F-32,768 □` +32,767  
f\_fuf<f□□[fh□F-2,147,483,648□` +2,147,483,647

•„□t•t,«□®□”,Í□A•%°  
,ì'l,đŠi”[.,é,½,β,É2□ifrfbfgfj^□[f“□ã,Å,ì□Å□ã^Êfrfbfg,đ□u•„□tfrfbfg□v,Æ’è,β□A,±  
,ì□Å□ã^Êfrfbfg,°1,ì□è□±,í•%°,ì'l,Æ,μ,Ä,ç,Ü,·□B,»,μ,Ä□A□Å□%°  
,É□Å□ã^Êfrfbfg,°1,Æ,È,é'l,°•%°,ì'l,ì□Å’â’l,Æ,È,è,Ü,·□B  
fofCfg□F-128=80h=10000000(2□i)  
f□□[fh□F-32,768=8000h=1000000000000000(2□i)  
f\_fuf<f□□[fh□F-  
2,147,483,648=80000000h=10000000000000000000000000000000(2□i)

,±,ì•%°,ì'l,ì□Å’â’l,©,ç□A•%°,ì'l,ì□Å□-’l,Å, ,é-1,Ü,Å,ì”í’í,ì'l,đŠi”[,Å,«,é,±  
,Æ,É,È,è,Ü,·□B-1,í^È%°°,ì,æ,α,É,È,è,Ü,·□B  
fofCfg□F-1=FFh=11111111(2□i)  
f□□[fh□F-1=FFFFh=1111111111111111(2□i)  
f\_fuf<f□□[fh□F-1=FFFFFFFh=11111111111111111111111111111111(2□i)

,¿,È,Ý,É□³,ì□”,ì□Å’â’l,í^È%°°,ì,æ,α,É,È,è,Ü,·□B  
fofCfg□F+127=7Fh=01111111(2□i)  
f□□[fh□F+32,767=7FFFh=0111111111111111(2□i)  
f\_fuf<f□□[fh□F+2,147,483,647=7FFFFFFFh=011111111111111111111111111111111111(2□i)  
^È□ã,É,æ,è□A□³•%°•„□t,đ”½”]  
,³,¹,é,É,Í□A,Ü, ,2□ifrfbfgfj^□[f“□ã,Å’Sfrfbfg,đfrfbfg”½”],³,¹□A,³,ç,É1,đ’«,¹,Í,æ,ç,Æ,ç,  
,α,±,Æ,°,í,©,è,Ü,·□B,±,ê,đ□u2,ì•â□”□v,ÆCEÄ,Ñ,Ü,·□B

## „œ•„□t,È,μ□®□”

•„□t,È,μ□®□”,É,Í•„□tfrfbfg,ìŠi”O,Í, ,è,Ü,¹,ñ□B•„□t,È,μ□®□”,Í□~□”,ÆCEÄ,Î,é,é,±,Æ,à,  
,è,Ü,·□B  
fofCfg□F0 □` 255(FFh)  
f□□[fh□F0 □` 65,535(FFFFh)  
f\_fuf<f□□[fh□F0□` 4,294,967,295(FFFFFFFh)

## œfŽQI,,

'F^È%º, à-¾, íu, ©, È, èvŠÈ—º%º»,,µ,Ä,ç,Û,·B, ,,Û,ÅŽQI'ö"x,ÆI,!,Ä,,¾,¾,çB  
C/C++Æ¾Æê,É,¨,ç,Ä,íAǎ,É<"°,½fA[fLfefNf`ff-  
Ê,©,ç,Ý,½fofCfgAf[fh<y,Ñf\_fuf<f[fh,Æ,ç,æ-  
¼ì,Æ,í•Ê,ÉA[uSHORTv,â[uLONGv™,ì“ÆŽ©,ì-¼ì('è”,đŠi”[,·,é•ï”,ìÆ^),à, ,  
è,Û,·B,Û,½•,,‡,Ê,µ,đ%opÆê,ìuunsignedv,Æ•\<L,µ,Û,·B

# □f•â'«□,,fvf□fZfXf□f,fŠ□ã,ì-çŽg—p—ì^æ

## □œŠT—v

ŽÀ□sftf@fCf<,ìŠefZfNfVf†f“□l'<ß•Ó,É,í'â'i-çŽg—p—ì^æ,<sup>a</sup>, ,è□A,»),ìŽÀ□sftf@fCf<,âf□f, fŠ□ã,Éf□□[fh,<sup>3</sup>,è,½f,fWf...□[f<fGfŠfA“à,Á,í□A□ã<L-çŽg—p—ì^æ,É'í %ož,·,éf□f,fŠfGfŠfA,íçfvf□fZfXf□f,fŠ□ã,ì-çŽg—p—ì^æf,Æ,È,è,Ü,·□B,±,ì-çŽg—p—ì^æ,ìfofCfifŠff□[f^,í00h,È,ì,Á—e^Ö,ÉŽ<“F,Á,«,Ü,·□B,Ü,½□A,± ,ìf□f,fŠfGfŠfA,ìfAfhfçfX,íOS“™ ,ìŠÁ<«,Á•í%o»,·,é,±,Æ,í, ,è,Ü,<sup>1</sup>,ñ□B

,±,ìçfvf□fZfXf□f,fŠ□ã,ì-çŽg—p—ì^æf,í□Afpf%ofTfCfGf<□[f`f“,ì- ,,ß□ž,Ý,â□V<K□i□-•í□”,ìŠi“□□A,<sup>3</sup>,ç,É%oü'çfR□[fhŽg— pŽž,É□',«Š,·,í'O,ì'l,ì'p”ð□æ“™ □A□F□X,È—p“r,É—p,ç,é,±,Æ,<sup>a</sup>%oÁ“\,Á,·□B

,È,“□A fAfvfŠfP□[fvf†f“,<sup>a</sup>Žg—p,·,é•í□““™ ,ðŠi“[·,éçDATAf,â ç.dataf“™ ff□[f^fZfNfVf†f“,É'í%ož,·,éf□f,fŠfGfŠfA,Á,í□AfofCfifŠff□[f^,â00h,ì~A'±,Á, , é□ê□‡,à•í□”Ši“[—p,ÉŠm•Ü,<sup>3</sup>,è,Á,ç,é,±,Æ,<sup>a</sup>, ,è,Ü,·,ì,Á'□^Ó,<sup>a</sup>•K—v,Á,·□B

## □œ-çŽg—p—ì^æ,ìŠm”F

,Ü,·□A'í□Úfvf□fZfX'í'ðœãçŠeŽífvf□fZfX'€□ìf,ìçfZfNfVf†f“^è—f ,Á'í□Úfvf□fZfX,ìŠefZfNfVf†f“ŠY”- fGfŠfA□æ“âfAfhfçfX,ðŽæ“¾,μ,Ü,·□BŽŸ,É□A“~□æ“âfAfhfçfX^è□~,ìfofCfifŠff□[f^,ðf□ fCf“fGfffBfbfGf{fbfNfX,É•Ži,<sup>3</sup>,¹□AŽw'èfAfhfçfX,ð•í□X,μ,ÁŠefZfNfVf†f“□l'<ß•Ó,É, ,é -çŽg—p—ì^æ,ðŠm”F,μ,Ü,·□B

## □œ-çŽg—p—ì^æ,ìŠm•Ü

çPEftf@fCf<,ðŽw'è,μ,Á□Á□\zfc@“\,Á'í□ÚŽÀ□sftf@fCf<,É□V<KfZfNfVf†f“,ð'ç%oÁ,·,é,ì- çŽg—p—ì^æ,ð□i□-%oÁ“\,Á,·□B,Ü,½□AWindows2000/XP,Á,íçŠeŽífvf□fZfX'€□ìf,ì ç'í□Úfvf□fZfX%¼'zfAfhfçfX<óŠÔ“à,Éf□f,fŠ—ì^æ,ðŠm•Üf<@“\,Á,à^èŽž“l,È-çŽg—p—ì^æ,ð□i□-,Á,«,Ü,·□B

## □œ-çŽg—p—ì^æ,<sup>a</sup>□',«□ž,Ý•s”\—ì^æ,ì□ê□‡,ì'í□^

'í□Ú-çŽg—p—ì^æ,ìf□f,fŠfGfŠfA,<sup>a</sup>□',«□ž,Ý•s%oÁ,ì□ê□‡,í□A çPEftf@fCf<,ðŽw'è,μ,Á□Á□\zfc@“\,ìç'SfZfNfVf†f“,É□',«□ž,Ý%oÁ'\@□«,ð•t %oÁfllfvf†f“,ðŽg—p,μ,Á%o<sup>0</sup>,<sup>3</sup>,ç□B,Ü,½□AçŠeŽífvf□fZfX'€□ìf,ìçf,fWf...□[f<^è —y,Ñf□f,fŠf}fbfv•Ži,f,Á'í□Úfvf,fŠfGfŠfA,ìfAfhfçfX'@□«,ð^èŽž“l,É•í□X%oÁ“\,Á,·□B

•i□"fofCfG,ì□"lff□lf^,ðf□f,fŠ,ÉŠi"l,.,é□Û,ì•ûŽ®,ì,P,Â,Â,□B

□œŠT—v

ff□lf^,ðŠi"l,.,é<L%~'•'u,Â, ,éf□f,fŠ,í□A,PfofCfG(.Wfrfbfg)  
,²,Æ,É<æ□Ø,ç,ê□A,»,ì,Ð,Æ,Â,Ð,Æ,Â,É"Ô'n,ª□Ý`è,³,ê,Ä,ç  
,Û,□B,»,ì,½,ß□A,QfofCfG^È□ã,ì•i□"fofCfG,ì□"lff□lf^,ðf□f,fŠ,ÉŠi"l,.,é□Û,É,í□A,»,ì□"lff  
f□lf^,ð,PfofCfG'P^Ê,É•ª%ð,µ,ÄŠi"l,.,é,±,Æ,É,È,è,Û,□B

,±,±,Â□A,PfofCfG'P^Ê,É•ª%ð,³,ê,½□"lff□lf^,ðf□f,fŠ,ÉŠi"l,µ,Ä,ç,-  
□#~ ,ðfofCfGfì□lf\_□lfGf"fffBfAf"□j,ÆCEÄ,Ñ,Û,□B

fŠfgf<fGf"fffBfAf" ,Æ,í□A,PfofCfG'P^Ê,É•ª%ð,³,ê,½□"lff□lf^,ð□Å  
%º^Ê,lfofCfG□iLSB□j,©,ç□# "Ô,Éf□f,fŠ,ÉŠi"l,µ,Ä,ç,•ûŽ®,Â,□B,±  
,ê,Æ,í<t,É□A□Å□ã^Ê,lfofCfG□iMSB□j,©,ç□# "Ô,Éf□f,fŠ,ÉŠi"l,µ,Ä,ç,-  
•ûŽ®,ðfrfbfOfGf"fffBfAf"□A,Û,½□A,±,ì,Q,Â,lff□lf^Ši"l•ûŽ®,ì-¼•û,ðŽg—p%ºÅ"  
,ÈfofCfGf"fffBfAf" ,Æ,ç,ª•ûŽ®,à, ,è,Û,□B

fŠfgf<fGf"fffBfAf" •ûŽ®,í□A,ç,í,ä,é□ufpf\frf"□v,É—p,ç,ç,ê,Ä,ç  
,éPentium"™,~,W,UÇnfvf□fZfbfT,â□AAlphafvf□fZfbfT,ÅŽg—p,³,ê,Ä,ç  
,Û,□B^ê•û□AfrfbfOfGf"fffBfAf" •ûŽ®,íMotorola,lfvf□fZfbfT,â^ê•",lfQ□lf€<@,lfvf□fZfb  
fT"™,ÅŽg—p,³,ê,Ä,ç,Û,□BMIPS,lfvf□fZfbfT,lfofCfGf"fffBfAf" ,Â,□B

,È, "□Afgf"fffBfAf" •ûŽ®,lff□lf^—□M,É," , ,éf□lf^—□M□#□~ ,ðŽw,^Ó-i,à, ,è,Û,□B

□œf□"l□u0x12345678□v,ðfŠfgf<fGf"fffBfAf" •ûŽ®,Âf□f,fŠ,ÉŠi"l,.,é—á□,,

,Û, ,□A,±,ì□"l,ð,PfofCfG'P^Ê,É•ª%ð,.,é,Æ□u0x12,0x34,0x56,0x78□v,Æ,È,è,Û,□B  
□Å  
%º^ÊfofCfG,ì□u0x78□v,©,ç□Å□ã^ÊfofCfG,ì□u0x12□v,Û,Å□# "Ô,Éf□f,fŠ,ìŠe"Ô'n,ÉŠi"l,  
µ,Ä,ç,,Æ□A  
□u0x78,0x56,0x34,0x12□v,Æ,ç,ª,æ,ª  
,ÉŠi"l,³,ê□Afvf□fZfXf□f,fŠfGfffBf^"™,ÄŠm" F,.,é,±  
,Æ,ª,Ä,«,éfofCfifŠff□lf^,Æ,µ,Ä,í□u78563412□v,Æ,È,è,Û,□B



# ft[]fU[]["ü—ÍfGf~f...fCE[]fgCE^fR[]fh

## ☐œŠT—v

“-f}ftfgfEfFfA,Å,Í☐AfL☐["ü—Í☐Ef}fEfXfNfŠfbfN☐Efj☐[ff<^Ú“ @<y,Ñ“ü—Í'Ò<@,δ☐A %ü'çfR☐[fh,ìCE`Ž @,ÅfGf~f...fCE[]fg,³,¹,é,±,Æ,²%Å"\\,Å,·☐B,±,ì<@"\\,Í☐AfQ☐[f€ ,âfAfvfŠfP☐[fvf#“,ìŽ @“ @ŽÀ☐s“™,ð'z'è,μ,ÄŽÀ'·,μ,Û,μ,½☐B

## ☐œ'☐^ÓŽ-☐€

☐fL☐["ü—Í,ðfGf~f...fCE[]fg,·,é☐ê☐#,Í☐A•K, ,%ü'Y%ü,Æ %ü'Y☐ã,ðfZfbfg,É,μ,ÅfR☐[fh,ð<L☐q,μ,Ä%ü,³,ç☐B,» ,x,μ,È,ç,Æfn☐[fhfEfFfA'x,ÅfL☐[,² %ü'Y,μ'±, -,ç,ê,Ä,ç,é,ÆCEë" F,³,ê•s<i☐#,²☐¶,¶,Û,·☐B

☐ŽÀ☐Û,ìŽè“ @,É,æ,éft☐[fU☐["ü—Í☐^—☐,É,“,ç,Ä,Í☐A~A'±,·,é“ü—Í☐^—☐,ìŠÔ,É,ÍŽáŠ± ,ì<ó,«ŽžŠÔ,²☐¶,¶,Û,·☐B ,» ,ì,½,β☐AfR☐[fh,ð—p,ç,Åf}fEfXfNfŠfbfN,âfL☐["ü—Í,ð~A'± ,³,¹,éfp☐[fX,Å,Í☐ACEÅ☐X,ìf}fEfXfNfŠfbfNCE^fR☐[fh,âfL☐["ü— ÍCE^fR☐[fh,ìŠÔ,É'ZžžŠÔ,ì“ü—Í☐^—☐'Ò<@CE^fR☐[fh,ð“ü,ê,Ä,“,©,È,ç,Æ☐A~A'±,·,é“ü— Í☐^—☐,ìŠÔ,²-w,Ç-³,ç,½,β,Éfn☐[fhfEfFfA'x,²f}fEfXfNfŠfbfN,âfL☐["ü—Í,Æ,μ,Ä" FŽ-,μ,È,ç ,±,Æ,², ,è,Û,·☐B☐@

☐,±,ìft☐[fU☐["ü—ÍfGf~f...fCE[]fg,Í☐ADirectInput,ðŽg—p,μ,½fQ☐[f€“™,Å,Í☐³☐í,É<@"\\ ,μ,È,ç%Å"\\☐«,², ,è,Û,·☐B

☐%ü¼'zfL☐[fR☐[fh,ìfvf%üfbfgftfH☐[f€SDK,âŠj"ŽÒCEü,~ftfCfG“™,Å,»,ì^ê—•\ ,ðCE©,é,±,Æ,²,Å,«,Û,·☐B

☐fj☐[ff<^Ú“ @CE^fR☐[fh,Æ%ü'çfR☐[fhçŽ @“ @☐X☐Vf€<@"\\,ð•¹— p,·,éfp☐[fX,Å,Í☐AfL☐[ftfbfN<@"\\,à•¹—p,μ,ÅfR☐[fhŽ @“ @☐X☐V,ðfŠf,☐[fg'€☐ì,Å %ü'ð☐œ,Å,«,é,æ,x,É,μ,Ä%ü,³,ç☐B

## ☐œfR☐[fh☐'Ž @^ê—

S\*\*\*\*  
☐“ü—Í☐^—☐'Ò<@CE^fR☐[fh☐Bç\*\*\*\*f•“•²,í,P,U☐i☐“,Åf~fŠ•b,ð“ü—Í,μ,Ä%ü,³,ç ☐“ü—Í,³,ê,½f~fŠ•b,ìŠÔfR☐[fhŽÀ☐s^—☐,ð'tŽ~,μ,Û,·

C\*\*\*\*\*  
☐“fj☐[ff<^Ú“ @CE^fR☐[fh☐Bç\*\*\*\*\*f•“•²,í16☐i☐“,Å,ìfj☐[f f<^Ú“ @☐æX☐EY☐À•W(f☐☐[fh,ì'l),ðŽw'è,μ,Û,·☐B ☐““-f}ftfgfEfFfA,ìfj☐[ff<^Ú“uŽæ“¾<y,Ñ“~^Ê'ufEfBf“fhfE'€☐ì,Å☐AŠÈ'P,Éfj☐[f f<^Ú“ @CE^fR☐[fh,ð☐i☐-,·,é,±,Æ,²,Å,«,Û,·

M01

☐“f}fEfX,ì☐¶fNfŠfbfN

M02

□`f}fEfX,ì%oEfNfŠfbfN

M04

□`f}fEfX,ì`tf{f^f“□ifzfC□[f<f{f^f“□ifNfŠfbfN

□`WindowsAPI,đfx□[fX,É,μ,Ä,ç,é,½,ß03,Å,È,04,É,μ,Ü,μ,½

KD\*\*

□`“Á`èfL□[,ì%oÿ%o°□Bç\*\*£,í%o¼`zfL□[fR□[fh

KU\*\*

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**□œfR□[fhŽg—p—á**

;^È%o°,Åfj□[f<,đX□F300□AY□F500,É^Ú“®,<sup>3,1</sup>□A,»,ìœă`SfEfBf“fhfE,đ□Å□↔

%o»,<sup>3,1</sup>Ü,·□B

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S100

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KD5B

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KD4D

S100

KU4D

KU5B

# fL [ftfbfN

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## œŠT-v

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Ú"l, ìfAfvfŠfP [fVf†f" , ðfL [ftfbfN' îÚ, ÉŸ' è, Å, «, Ü, ·BfL [ftfbfNŸ' èCã, íA-  
Ú"l, ìfAfvfŠfP [fVf†f" [ã, Å^ È%º, ìfL [ , ð-p, ç, Ä"-fjftfgfEjFfA, ð'€ ì%Å"  
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Ž!, ÅŽÀs, ³, è, éfQ [f€, Å, ì%ðíE%ü'ç, É-L-p, Å, ·B

, ±, ì<@ "\, ðŽg-p, ·, é, É, íA" ~<, ìuUsaHook2.dll [v, º•K-v, Å, ·B, ±, ìDLL, í  
çfXfyfVffk<, È, ±, Ü, ñ, Ü, T, V†£, ìŽg-pfo [fWf†f" , É" ~<, µ, Ä, ç, é, à, ì, ðŽg-p, µ, Å  
%º, ³, çB

## œfL [ftfbfN'€ ìŠÖ~A, ì'î^ ÓŽ-€

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í, É [ -¹, ³, ¹, é, ±, Æ, º%Å"  
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è [ , É-L-p, Å, ·B ó<µ, É, æ, Å, Ä, íAçCtrl£fL [ , ÆçPause£fL [ , ì" Žž%Ÿ, µ, ð" %ñ-  
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Ú"l, ìfAfvfŠfP [fVf†f" , ðfGfNfXfvf [f%º, âf%of" f` ff [ [ã, ©, ç'ì<N" @ , Å, «, é, æ, x, É, µ, Ä, ", , ±  
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Ž!, ðs, ç, Ü, ¹, ñB

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## ☐œfL☐[ftfbfN'€☐î^ê—

☐☐Print Screen☐fL☐[.Å%ü'☐fR☐[fhŽÀ☐s

☐☐Scroll Lock☐fL☐[.Å%ü'☐fR☐[fh—p☐Ž©“®☐X☐V☐f☐Y'è,Æ%ø☐œ,ðfgfOf<

☐☐Ctrl☐fL☐[.Æ☐Pause☐fL☐[“~Žž%öÿ,μ,Å☐AfL☐[ftfbfN'î☐ÛfAfvfšfP☐[fvf#f“,ð<☐\$☐I—<sup>1</sup>

☐☐Insert☐fL☐[.ÅfL☐[ftfbfN'î☐ÛfAfvfšfP☐[fvf#f“,ì☐Å'O-Ê•\Ž!%ø☐œ<y,Ñ☐Alt☐{☐Tab☐  
(☐Esc☐)fL☐[Žg—p☐\$œÀ%ø☐œ

☐☐Home☐fL☐[.ÅfL☐[ftfbfN'î☐ÛfAfvfšfP☐[fvf#f“,ìfEfBf“fhfE,ð☐Å☐~%ø»

☐☐☐uPage Up☐vfL☐[.Å'Ê☐íœÿ☐ðŽÀ☐s☐iŽ-'O,Éœÿ☐ðfEfBf“fhfE•\  
Ž!,Æœÿ☐ð☐ðœ☐“™,ì☐Y'è,<sup>a</sup>•K—v☐j

☐☐☐Shift☐fL☐[.ð%öÿ,μ,È,<sup>a</sup>☐☐uPage Up☐vfL☐[.Åœÿ☐ðœ<%øÊ☐o—ìfšfXfg,ì☐ã^Ê10œ☐,ð  
☐NekoList.txt☐,Æ,μ,Å☐Neko57.exe☐,Æ“~,ìftfHf<f\_,É☐o—í

☐☐☐uDelete☐vfL☐[.Å•í“®œÿ☐ð—p”äšrf☐f,š,ìšm•Û☐E<L~^☐iŽ-'O,Éœÿ☐ðfEfBf“fhfE•\  
Ž!,Æ”äšr”í”™,ì☐Y'è,<sup>a</sup>•K—v)

☐☐☐uEnd☐vfL☐[.Å•í“®œÿ☐ðŽÀ☐s☐iŽ-'O,É•í“®œÿ☐ð—p”äšrf☐f,š,ìšm•Û☐E<L~^,<sup>a</sup>•K—  
v☐j

☐☐☐uPage Down☐vfL☐[.Å•í“®œÿ☐ð—p”äšrf☐f,š,ìšj•ú☐iŽ-'O,É•í“®œÿ☐ð—  
p”äšrf☐f,š,ìšm•Û☐E<L~^,<sup>a</sup>•K—v☐j

☐☐☐uNum Lock☐vfL☐[.Åfn☐[fhfEfFfAfufœ☐[fnf|fCf“fg,ð☐Y'è☐iŽ-'O,ÉfffofbfKfEfBf“fhfE•\  
Ž!,Æfn☐[fhfEfFfAfufœ☐[fnf|fCf“fg,Å,ìfAfvf☐☐f` ,ðžw'è,μ,Å,ìf^☐[fQfbfg<N“®,<sup>a</sup>•K—v☐j

☐☐☐Shift☐fL☐[.ð%öÿ,μ,È,<sup>a</sup>☐☐uNum  
Lock☐vfL☐[.Å☐AfffofbfKfEfBf“fhfE,ìfn☐[fhfEfFfAfufœ☐[fnf|fCf“fg—pfAfhfœfX“ü—í  
—,É☐A☐Neko57.exe☐,Æ“~,ìftfHf<f\_,É, ,é☐NekoBP.txt☐,ì”à—e,ð”\  
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DirectX”r¼f,[]fh“™‘S%æ-Ê‘O-Ê•\Ž!fQ[]f€,É‘í,·,é[]A%æ-Ê[]Ø,è‘Ö,!,â  
%øđí“™‘í^,É,Í^È%º,ì•û-@,ª[]l,!,ç,ê,Û,·[]B

,P[]D[]uAlt[]v[]{}[]uEsc[]vfL[]["~Žž%ÿ,µ,Å%æ-Ê[]Ø,è‘Ö,!

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,W[]DfŠf,[]fGfffobfK,ðŽg—p,µ,Ä[]A%øđí‘í[]Û,ð<N“®,<sup>3,1,1/2</sup>•Ê,ìf}fVf“,É[]Ú‘±,µ,Å%øđí

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,È,“[]A‘S%æ-Ê[]‘O-Ê•\Ž!fQ[]f€,ì%ü‘ç,É,Í[]A“-f\ftfgfEfFfA,ìfL[]fTfbfN<@“\  
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,±,ì[]Ùç"~[]fAfbfv"í^í,ðŽw'è£f{f^f",°%°ÿ,³,è,½[]ó'Ô,È,ç,ì[]Aftf@fCf<fTfCfY•°.,Å,í,È,-  
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³Ž<,μ,ÄfAfbfvf[][]fh,·,é,©'ì'ð%°Å"\,É,È,è,Ü,·[]B

,±,ìfAfbfvf[][]fh<@"°,ìfQ[]f€,ìšeŽíftf%°fO[]',«Š,ì"™[]A[]',«Š,ì,½,ç%°Ó[]š,°[]L'í^í, ,é,ç  
,í•;[]"°Ó[]š, ,é[]ê[]#,É—L—p,Å,·[]B

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v,Å,·[]B

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 Äf\_f“fv,ðŽÀ[]s,μ,Ü,·[]B

f\_f“fv,³,è,½ftf@fCf<,í“-f\  
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,±,lf\_f“fv<@“\,ðžg—p,·,è,Î[]AfQ[]f€ ,Äfvf[]fZfXf[]f,fš,l“A'èfGfšfA,ðf\_f“fv,μ,Ä,“ ,±  
 ,Æ,Å[]A%oü'çfAf“fhfD,ª%oÅ“\,É,È,è,Ü,·[]B,Ü,½[]AfQ[]f€  
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# PeRdrŽÀs

## œ'€i•â'«

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□ œ — \ ' a • a Š ð CE ^ □, ' ¬ CEÏ ð ö f, □ [fh, É, Å, ç, Ä CEÏ ð ö f E f B f “ f h f E, Å ç ' Ê í CEÏ ð ö £, Ì ~ g “ à, É, , é ç — \ ' a • a Š ð CE ^ □, ' ¬ CEÏ ð ö f, □ [fh f f { f ^ f “, ð — LCEø, É, , é, A □ A' Ê í CEÏ ð ö E • Ì “ @ CEÏ ð, Ì — ¼ • ù, Å < É, ß, Ä □, ' ¬, È CEÏ ð, a % Å \ , É, È, è, Ü, • (fCEfCfA fE f g □ ä ç ' Ê í CEÏ ð ö £, Ì ~ g “ à, É f { f ^ f “, ð “ z ' u, µ, Ä, ç, Ü, , a □ A • Ì “ @ CEÏ ð ö, É, à — LCEø, Å, •) □ B

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□, f X f y f b f N, È f p f v f R f “ □ ä, Å, í A, ±, Ìf, □ [fh Ž g — p Ž Ž □ E “ ñ Ž g — p Ž Ž, Å, Ì CEÏ ð ö ' ¬ “ x, É, ³, Ü, Ç ^ á, ç , a CE » , è, È, ç, ±, A, a, , è, Ü, • □ B

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1. ' Ê í, Ì □ è □ †, A “ ¬ — Ì, É ' Ê í CEÏ ð ö, Å CEÏ ð ö CE < % È, ð Š f X f g, É □ o — Í, ³, 1, é, © □ A • Ì “ @ CEÏ ð ö, Å “ ä Š r — p f □ f, f Š, ð Š m • Ü ^ ½, ç, Ì CEÏ ð ö CE < % È, ð Š f X f g, É □ o — Í, ³, 1, é
2. CEÏ ð ö ' Í Ü f v f □ f Z f X, ð □ Ì — 1
3. ç ' Ê í CEÏ ð ö Ž Å □ s £ ^ ½, ç, Ì ç • Ì “ @ CEÏ ð ö Ž Å □ s £ — p, Ì, ç, , è, ©, Ì f { f ^ f “, ð % Y % ø, , é
4. CEÏ ð ö ' Í Ü f v f □ f Z f X, a f Ì □ [f v f “, Å, «, È, ç, A, ç, x CE x □ □ f □ b f Z □ [f W, a • \ Ž !, ³, è, é □ i □ o — Í, µ, ½ CEÏ ð ö CE < % È, ä Š m • Ü, µ, ½ “ ä Š r — p f □ f, f Š, Ì, » , Ì, Ü, Ü • Ü Ž □, µ, Ü, • □
5. CEÏ ð ö ' Í Ü f v f □ f Z f X, ð □ Ä < N “ @ , µ □ A f □ C f “ f E f B f “ f h f E, Ì f v f □ f Z f X f Š f X f g, ð □ X □ V, µ, Ä □ Ä ' Í ' ð, , é
6. ' Ê í, Ì □ è □ †, A “ ¬ — Ì, É CEÏ ð ö, ð ' ± □ s, , é

□ œ f f o f b f K, ð — p, ç, ½ CEÏ ð ö CE < % È, Ì □, “ x CE ü □ ä, É, Å, ç, Ä CEÏ ð ö Ž Ž, É — f f f o f b f K, Ì □ u Ž Å □ s ^ è Ž Ž ^ ä Ž ~ □ E Ž Å □ s □ Ä Š □ v < @ “ \, ð — p, ç

,Ä" C ^ Ó , ì f ^ f C f ~ f " f O , Å Ç Æ ÿ ò ð ' î ò Û f v f ò f Z f X , ð ' â Ž ~ , <sup>3</sup> , <sup>1</sup> , é , ±  
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, Æ , æ ò o — ^ , Ü , • ò B

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, ±, ±, Å, í □ AfQ □ [f€ % ð □ í, ðžn, ß, ½, í, ©, è, ì • ûŒü, -, É □ A'Ê □ íŒÿ □ ð, É, æ, éf □ f, fš % ð □ í □ E % ü 'ç, Ìšî- { "lfAfvf □ □ [f` , Ìžè □ ‡, ÆŠî- { "l, È' □ ^ Ó" \_ , ð □ Ð % ô, µ, Ü, · □ B

## □ œŠî- { "lfAfvf □ □ [f`

▼ " -f\ftfgfE fFfA, ÌŠe" • a-¼ □ |, É, Å, ç, Ä, Á, ±, ÿ, ç

▼ □ " 'l \Œ » , É, Å, ç, Ä, Á, ±, ÿ, ç

▼ fšfgf < fGf " fffBfAf" , É, Å, ç, Ä, Á, ±, ÿ, ç

1. f □ C f " fE fB f " fhfE □ Å □ ä • " , Ìfvf □ fZfXfšfXfg, ©, ç - Ú " l, Ìfvf □ fZfX, ð 'l' ð, µ, Ü, · □ B - Ú " l, Ìfvf □ fZfX, a " -f\ftfgfE fFfA, æ, èŒä, É < N " ®, ³, è, ½ □ ê □ ‡, í □ Af □ C f " fE fB f " fhfE □ ä • " % E 'x, Ì ç □ X □ V £ f { f ^ f " , ð % Y, µ, Äfvf □ fZfXfšfXfg, ð □ X □ V, ³, ¹, é • K - v, a, , è, Ü, · □ B ŽŸ, É □ Af □ C f " fE fB f " fhfE % o • " □ ¶ 'x, Ì ç □ f □ f, ŒŒÿ □ ð £ f { f ^ f " , ð % Y, µ, ÄŒÿ □ ð fE fB f " fhfE, ð • \Ž! , µ, Ü, · □ B

2. -Ú " l, ÌfQ □ [f€, Å • \Ž! , ³, è, Ä, ç, éHP "™ f p f % f □ □ [f ^ , Ì 'l, ð □ A16 □ i □ " , É • ĨŠ • , µ, Ü, · □ B " -f\ftfgfE fFfA, Å, í □ A10 □ i □ " 'l, Å " ü — í, µ, ½ Œÿ □ ð ð Œ □ , ð " à • " , Å16 □ i fšfgf < fGf " fffBfAf" , É • ĨŠ • , µ, ÄŒÿ □ ð , , é, ±, Æ, à % Å " \ , Å, · □ B, » , Ì □ ê □ ‡, íŒÿ □ ð fE fB f " fhfE □ ä • " , Ì ç □ 16 □ i £ , Æ, ç, x • ¶ Žš - ñ, Ì % E, É , , é ç □ 10 £ f { f ^ f " , ð % Y, µ, Ä - LŒø % » , µ, ½, x, !, Å □ A, ³, ç, é, » , Ì % E, É , , é Œÿ □ ð ð Œ □ " ü — í — " , É10 □ i □ " 'l, ð " ü — í, µ, Ä % o < L, T ^ È □ ~ , Ì '€ □ i, ð □ s, Å, Ä, ¾, ¾, ç □ B " -f\ftfgfE fFfA, Ì □ i □ " • ĨŠ • < @ " \ , ð Žg, x □ ê □ ‡, Á ^ È % o , Ì '€ □ i, ð □ s, ç, Ü, · □ B

, Ü, , □ Af □ C f " fE fB f " fhfE, Ì f □ f j f ... □ [ , ©, ç ç % ð □ í £ □ " ç □ i □ " • ĨŠ • < y, Ñ □ @ □ " □ Ž À □ " • ĨŠ • £ , Å □ i □ " • ĨŠ • fE fB f " fhfE, ð • \Ž! , µ, Ü, · □ B ŽŸ, É ç □ 10 □ i □ " 'l, ð • ĨŠ • £ % o , Ì " ü — í — " , É f p f % f □ □ [f ^ , Ì 'l, ð " ü — í, µ, Ä % o , ³, ç □ B " ü — í — " , Ì % E, É , , é □ o — í — " , É16 □ i □ " , É • ĨŠ • , ³, è, ½ " ü — í 'l, a • \Ž! , ³, è, Ü, · □ B

3. , ³, ç, É ç fšfgf < fGf " fffBfAf" • ûž ® , Å • \Ž! £ f { f ^ f " , ð % Y, µ, Ä □ A □ ä , Å "¾, ç, è, ½16 □ i □ " 'l, ð fšfgf < fGf " fffBfAf" • ûž ® , É • ĨŠ • , µ, Ü, · □ B

4. 16 □ i fšfgf < fGf " fffBfAf" • ûž ® , É • ĨŠ • , µ, ½ f p f % f □ □ [f ^ , Ì 'l, ð □ AŒÿ □ ð fE fB f " fhfE □ ä • " , Ì ç □ 16 □ i £ , Æ, ç, x • ¶ Žš - ñ, Ì % E, É , , é Œÿ □ ð ð Œ □ " ü — í — " , É " ü — í, µ, Ä □ AŒÿ □ ð — p f o f C f i fš f □ [f ^ , É □ Y 'è, µ, Ü, · □ B — á, !, Í - Ú " l, Ì f p f % f □ □ [f ^ , Ì 'l, a fQ □ [f€ □ ä , Å10000, É, ç, í □ A16 □ i fšfgf < fGf " fffBfAf" , Å, í 'l, Ìfvf □ fZfXf □ f, fš □ ä , Å, Ìšî " [fTfCfY, É, æ, è ç 1027 £ , , é, ç, í ç 10270000 £ , ÄŒÿ □ ð , , é, ±, Æ, É, È, è, Ü, · □ B, Ü, , □ Å □ % , í, æ, è □ , É, ç f o f C f g □ " , ÌŒÿ □ ð ð Œ □ , Åžž, µ, ÄŒ © , Ä, ¾, ¾, ç □ B, ±, Ì — á, Å, í ç 1027 £ , Ì • û, ðŒÿ □ ð ð Œ □ , Æ, µ, Ä □ Y 'è, µ, Ü, · □ B □ @

5. Œÿ □ ð fE fB f " fhfE □ ä • " , Ì ç ' Ê □ íŒÿ □ ð Ž À □ s £ f { f ^ f " , ð % Y, µ, Ü, · □ B 'á 'i, Ì □ ê □ ‡ □ AŒÿ □ ð Œ ŽnfAfhfŒfX, ÆŒÿ □ ð " í 'í, Ì f f f t f H f < f g, Ì, Ü, Ü, Å • Ĩ □ X, , é • K - v, í, , è, Ü, ¹, ñ □ B





12. fvf[]fZfXf[]f,š[]',«Š·,|CE<%oÊ,ª"½%of,³,ê,½[]ê[]#,Í[]A[]Ä—~—p,Å,«,é,æ,x,É  
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## ŠT—v

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# <N" ® □E□I—<sup>1</sup>ŠÖ~A'€□ì

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ftfgfEfFfA, ð□I—<sup>3</sup>, <sup>1</sup>, È, ç, ÆfVfFf<, Í<N" ® , µ, Ü, <sup>1</sup>, ñ□B, Ü, ½□A"r'¼<N" ® , ÉŽw'è, µ, ½"—f\  
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Windows 95 , Å , Í □ ³ □ í , È “ ® □ ì , μ , Ü , ¹ , ñ □ B , Ü , ½ □ A Windows 2000 / XP , Å , Í □ ³ □ í , È “ ® □ ì , μ , È , ç  
, ½ , ß □ A f □ f j f ... □ [ , ð - ³ CE ø , È , μ , Ü , μ , ½ □ B

## œ f f f B f X f v f ç f C Ì È “ d — Í f , □ [ f h

f f f B f X f v f ç f C , Ì “ d CE ¹ , ð ^ è Ž Ž “ Ì , È f l f t , È , · , é □ È “ d — Í f , □ [ f h , È ^ Ú □ s , μ , Ü , · □ B □ È “ d —  
Í f , □ [ f h , Í f } f e f X , Ì “ ® , « “ ™ f t □ [ f U □ [ “ ü — Í , Å % » ð □ œ , ³ , è , Ü , · □ B  
, È , “ □ A Windows XP ^ È Š O , Ì O S , Å , Í □ A , ± , Ì < @ " \ , Å • s < i □ ‡ , ¢ □ ¶ , ¶ , é % » Å “ \ □ « , ¢ , , é , ½ , ß □ f j f ...  
□ [ , ð - ³ CE ø , È , μ , Ü , μ , ½ □ B

## œ f f f B f X f v f ç f C Ý ' è • œ < CE

f Q □ [ f € “ ™ , Å < □ \$ “ Ì , È f f f B f X f v f ç f C Ý ' è , ð • Ì □ X , ³ , è , ½ CE ä , È □ A “ f Q □ [ f € < □ \$ □ [ —  
¹ “ ™ , Å f f f B f X f v f ç f C , Ì □ Ý ' è , ¢ • Ì □ X , ³ , è , ½ , Ü , Ü , È , È , Å , ½ □ ê □ ‡ “ ™ , È □ A , ± , Ì < @ " \ , ð Ž g — p , μ , Å  
% » ø , ³ , ç □ B

## œ f A f C f R f “ □ E f t f H f “ f g f L f f f b f V f ... □ í □ œ

Direct X , ð Ž g — p , · , é f Q □ [ f € “ ™ , È “ ° , ç f A f C f R f “ , Ì • \ Ž | , È -  
â ^ è , ¢ □ ¶ , ¶ , ½ □ ê □ ‡ , È □ A f A f C f R f “ , Ì f L f f f b f V f ... , ð □ í □ œ , μ , Å f A f C f R f “ • \ Ž | , Ì □ ³ □ í % » , ð □ }  
, è , Ü , · □ B f L f f f b f V f ... □ í □ œ CE ä , È ‘ □ , Å , Ì ç f G f N f X f v f □ □ [ f % » £ f v f □ f Z f X , ð ^ è ‘ U ‘ □ , Å < □ \$ □ [ —  
¹ , ³ , ¹ □ A f G f N f X f v f □ □ [ f % » , ð □ Ä < N “ ® , · , è , Í f A f C f R f “ • \ Ž | , Ì • s < i □ ‡ , í % » ð □ Á , μ , Ü , · □ B  
, È , “ □ A f C e f W f X f g f Š , Í f A f C f R f “ f t f C f Y ^ è Ž Ž • Ì □ X , Æ f v f X f e f € □ í • ñ □ X □ V , Ì ‘ g , Ý □ ‡ , í , ¹ , Å , Í □ A f A f C f  
R f “ • \ Ž | , Ì • s < i □ ‡ , ð % » ð □ Á , Å , « , È , ç f P □ [ f X , ¢ , , é , ½ , ß □ A f A f C f R f “ f L f f f b f V f ... □ í □ œ , ð — p , ç  
, Ü , μ , ½ □ B  
, Ü , ½ □ A Windows 9x / Me , Å , Í f A f C f R f “ f L f f f b f V f ... , Æ “ “ Ž Ž , È f t f H f “ f g f L f f f b f V f ... , à □ í □ œ , μ □ A • \  
Ž | , ð f Š f t f C e f b f V f ... , ³ , ¹ , é , æ , x , È , μ , Å , ç , Ü , · □ B

## œ f f f X f N f g f b f v f A f C f R f “ • ¶ Ž š “ w C E i , ð “ § - ¾ % »

, ±, Ì < @ " \ , ð Windows XP , Å Ž g — p , · , é , È , Í □ A ^ È % » ø , Ì ‘ € □ ì , Å f f X f N f g f b f v f A f C f R f “ - ¼ , Ì % » e • \  
Ž | □ Ý ' è f l f t , ¢ • K — v , Å , · □ B  
□ [ f R f “ f g f □ □ [ f < f p f l f < □ “ f v f X f e f € □ “ □ Ú □ × □ Ý ' è f ^ f u □ “ f p f t f H □ [ f } f “ f X , Ì □ Ý ' è  
, Ü , ½ □ A ç Ctrl £ f L □ [ , ð % » Ý , μ , È , ¢ , ± , Í f □ f j f ... □ [ □ € -  
Ú , ð ' Ì ' ð , · , é , Æ □ A f f X f N f g f b f v f A f C f R f “ • ¶ Ž š □ F , ð □ • □ F , È • Ì □ X , μ , Ü , · □ B

## œ f X f N f Š □ [ f “ f Z □ [ f o □ [ - ³ CE ø % » □ E — L CE ø % »

, ±, Ì < @ " \ , Í □ A C D - R □ ' , « □ Ž , Ý Ž Ž , Í f G f % » □ [ % » ñ “ ð ' ¼ , È — L — p , Å , · □ B  
, Ü , ½ □ A Windows XP , Å , Í - ³ CE ø % » , Ì , Ý % » Å “ \ , Å , · □ B

### ☐œ%œ-Ê, ðvf☐pfefB

fRf“fgf☐☐[f<fpf|f<, ðu%œ-Ê, ðvf☐pfefB☐v, ðœÄ, Ñ☐o, µ, Ü, ·☐B, ±, ±, Å, í☐AfXfNfŠ☐[f“fZ☐[fo☐[. ðÝ’è. â☐AfVfXfef€Žg—pftfHf“fgfTfCfY, ð•ï☐X“™, ð☐s, x, ±, ,Æ, º, Å, «, Ü, ·☐B

fVfXfef€Žg—pftfHf“fgfTfCfY, ð•ï☐X•û-@  
Windows95, Å, í☐fffBfXfvfœfC, ð☐Ú☐×£f^fu☐“☐ftfHf“fgfTfCfY£, Å•ï☐X  
Windows98/Me, Å, ð☐u☐Ý’è☐vf^fu☐“☐u☐Ú☐×☐vf{f^f“☐“☐‘S”Ê£f^fu☐“☐fffBfXfvfœfC£, ð☐ftfHf“fgfTfCfY£, Å•ï☐X  
Windows2000, Å, ð☐u☐Ý’è☐vf^fu☐“☐u☐Ú☐×☐vf{f^f“☐“☐‘S”Ê£f^fu☐“☐%œ-Ê£, ð☐ftfHf“fgfTfCfY£, Å•ï☐X  
WindowsXP, Å, ð☐u☐Ý’è☐vf^fu☐“☐u☐Ú☐×☐Ý’è☐vf{f^f“☐“☐‘S”Ê£f^fu☐“☐%œ-Ê£, ð☐uDPI☐Ý’è☐v, Å•ï☐X

### ☐œfr☐[fv%œ<sup>1</sup>ON/OFFfgfOf<

fVfXfef€, ðfr☐[fv%œ<sup>1</sup>, ðf|f“, Æf|ft, ðfgfOf<, <sup>3</sup>, <sup>1</sup>, Ü, ·☐B, ±, ð<@“\, í^ê•”, ðfQ☐[f€  
, ÅfL☐[f{☐[fh, Ê, æ, é‘€☐žž, ðfr☐[fv%œ<sup>1</sup>%œñ”ð“™, Ê—L—p, Å, ·☐B

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—^,ì,é,½,ß[]A“-f\ftfgfEjFfA,ì‘¼,ì<@“\,Æ,ì•À[]s‘€[]ì,í,“[]s,ß,μ,Ü,¹,ñ[]B“Ä,É‘½[]”,ì  
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## []œŠT—v

,±,ì<@“\,Ä,í[]AOS,³fffofCfX,ð—L,·,é‘SŽí—p,ìf[]fffBfAftf@fCf<,²[]Ä[]¶%oÄ”\  
,Ä,·(WindowsMe,È,çavi[]Ampg[]Amp3[]Awav[]Amid[]Aasf[]Awmv[]Awma“™)[]B,½,¾,  
μ[]A[]f[]fffBfAftfH[]f}fbfg,ìfo[]fWf#f“,É,æ,Ä,Ä,ìfffofCfX,²—ç‘í  
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v,Æ,È,éfP[]fX,É,í^%ož,μ,Ä,ç,Ü,¹,ñ[]B

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,Æ,à[]A‘SOS,Ä,ì“®[]Šm”F,í[]s,Ä,Ä,ç,Ü,¹,ñ,ì,Ä^[]ó,μ,Ä%o²,³,ç[]B

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çAlt£fL[][,ð%oÿ,μ,È,²,çç8h£f{f^f““~Žž%oÿ,μ[]E[]E[]E[]E^êŽž^âž~^ê‘u,©,ç[]Ä[]¶¶  
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í[]E[]E[]E[]E[]E[]E[]fŠfs[]f[]g[]Ä[]¶

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,Æ,âfŠfs[]f[]g[]Ä[]¶,²,Ä,«,Ü,¹,ñ[]B,Ü,½[]A“®%oæfEfBf“fhfE,ì  
çX£f{f^f“,Ä,í[]A[]f[]EfBf“fhfE,ð%oB,·,ì,Ý,ÄfffofCfX,ìfNf[]f[]fY,í[]s,í,è,Ü,¹,ñ[]B  
,ç,È,Ý,É[]AçŽ©“®[]X[]V£ŠÔŠu[]Ý’è,ìç2£,³fffHfçfg,ì‘I,Ä[]A—{—  
^,ìfGfffBfbfgf{fbfNfX,É“ü—í,·,é•K—v,í, ,è,Ü,¹,ñ[]B

## []œf[]fffBfAftf@fCf<,ìf[]ffj...[][,Ö,ì“o~^

“-f\ftfgfEjFfA,ìf[]Cf“fEfBf“fhfE,Ö,ìfhf%ofbfO[]EfAf“fh[]Efhf[]fbfv,ðŽg—p,μ,Ü,·[]B





%oÂ,É,È,è,Û,·□B

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¼,đŽw'è,μ,Ä□Ä□¶□v,â“o~^f□ff□B□f□A□f□t□f@□f□C□f<,ì□Ä□¶,đ•**1—p**,μ,È,ç,Å,-  
,¾,³,ç□i•s<i□#,²□¶,¶,Û,·□j□B

# •\Ž|ŠÖ~A□€-Ú

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□î,É,æ,èffXfNfgfbfv,ì□ó<μ,ð’!%oB,·•K—  
v,ª□¶,¶,½□ê□‡,ð‘z’è,μ,ÄŽÀ’•,μ,Ü,μ,½□BfEfBf“fhfEftfCfY,ì•œ<CE,í□A  
çWindows£fL□[,ÆçShift£fL□[,ÆçM£fL□[,ì“~ŽŽ%oÿ,μ,Å□s,ç,Ü,·□B,È,“□A“-f\  
ftfgfEfFfA,ìf□fCf“fEfBf“fhfE□ã,ìf{f^f“,âfGfffBfbfgf{fbfNfX“™,ª,È,ç•”•ª,Å,ì□Af}fEfX  
‘t%o>f{f^f“fNfŠfbfN,Å,à“—ì,ì€□ì,ð□s,ç,Ü,·□B

## □œfEfBf“fhfEftfCfY•ï□X

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%oð’œ“x•ï□X“™,É”º,ç□Af□fCf“fEfBf“fhfE,ì^è•”,ª”ñ•\Ž|,É,È,éfP□[fX¼□A%o½,ç,©,ìCE  
^ö,Åf□fCf“fEfBf“fhfE,ìfEfBf“fhfEftfCfY,ð<□\$“l,É•ï□X,³,è,½□ê□‡,ì•œ<CE,É,àŽg—p  
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,Æ,ª%oÄ”\,Å,·□B

## □œ□Å’O-ÊfgfOj<

□Å’O-Ê•\Ž|,Æ’Ê□í•\Ž|,ð□∅,è’Ö,!,Ü,·□B

## □œŽ©CEÈ“§-¾%o»

f□fCf“fEfBf“fhfE,ðCE©Ž,í,È,ç,æ,ª,É□A^À’S□ô,Æ,μ,ÄŠ@‘S,È“§-¾%o»„í•s  
%oÄ,É,μ,Ü,μ,½□B“§-¾“x,ì’□CE,í10’iŠK□□,Ý,Å,·□B,±,ì<@”\,íWindows9x/Me,Å,íŽg—  
p,Å,«,Ü,¹,ñ□B

## □œfzfbfgfL□[

çCtrl£+çShift£+çZ£fL□[,ð%oÿ,·,Æ□A□i¼,ìfEfBf“fhfE,Å%oB,è,Ä,ç,é□j“-f\  
ftfgfEfFfA,ìf□fCf“fEfBf“fhfE,ð□Å’O-Ê,É•\Ž|,μ,Ü,·□B□Å’O-ÊCEÅ’è•\Ž|,Å,í,·,è,Ü,¹,ñ□B,½,  
¾,μ□A,±,ìfL□[,ì’g,Ý□‡,í,¹,ªŠù,É•Ê,ìf\ftfgfEfFfA,ÅfzfbfgfL□[,Æ,μ,Ä□Ý’è,³,è,Ä,ç  
,é□ê□‡,í□A“-f\ftfgfEfFfA,ìfzfbfgfL□[□Ý’è,í-³CE∅,É,È,è,Ü,·□B

# fo [fWf#f" [î•ñ

## œŠT—v

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Ž!,μ,Û,·Bfo [fWf#f",âfx [f^" Å,âfvfœfŠfŠ [fX" Å,ìê [f,íA [V,μ,ç³<K" Å,âfŠfŠ [fX,³,ê  
,Ä,ç,È,ç,©Šm" F,³,ê,é,±,Æ,ð," [š,ß,μ,Û,·B

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## []œŠT—v,Æ’[]ÓŽ—[]€

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,È,“[]A^ê“x,Éfhf%ofbfO[]EjAf“fh[]Efhf[]fbfv,·,éftf@fCf<,í,P,Â,¾,¯,É,μ,Ä%ođ,³,ç[]BCE»fo[][]fWf#f“,Á,í[]A•;[]“ftf@fCf<,lf[]fhf%ofbfO[]EjAf“fh[]Efhf[]fbfv,lf[]Tf[][]f[]g,μ,Ä,ç,Ü,¹,ñ[]B

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,¿,È,Ý,É[]Aftf@fCf<fwfbf\_Á,È,Šg’ÉŽq,Á”»’f,μ,Ä,ç,é,ì,lf[]R[]f[]h[]T[]f[]C[]Y’áCE,ì,½,β,Á,·[]B

## []œ%ođ“€,É•K—v,ÈDLL,âžÀ[]sftf@fCf<

^È%ođ,đfVfXfef€ftfHf<f\_,,é,ç,í“-fjftfgfEjFfAŽÀ[]sftf@fCf<,Æ“¯,¶ftfHf<f\_,É“±“ü,μ,Ä%ođ,³,ç[]B

LZHCE`Ž®[]E[]E[]EUNLHA32.DLL  
ZIPCE`Ž®[]E[]E[]EUNZIP32.DLL  
CABCE`Ž®[]E[]E[]ECAB32.DLL  
RARCE`Ž®[]E[]E[]EUNRAR.DLL[]AUNRAR32.DLL  
GCAE`Ž®[]E[]E[]Egca.exe

çgca.exe£,íçgca\_v\*\*\*.exe£(fAfvfŠfP[]fVf#f“fZfbfg),âçGcaSDK£  
(GCAE`Ž®,lf[]f[]f^,đ^μ,æfv[]f[]Of%of€ŠJ”—pf%ofCfuf%ofŠfZfbfg),ÉŠÜ,Ü,é,Ä,ç,Ü,·[]B  
çgca.exe£“üžè[]æ[]F<http://www.emit.jp/>

çUNRAR.DLL£[]AçUNRAR32.DLL£,í—¼•û,Æ,à[]Á[]V”Á,đ“±“ü,μ,Ä,,¾,³,ç  
 (“Á’èfo[]fWf#f“,ì’g,Ý[]±,í,¹,É•s<i[]±,ª,è,Ü,·)[]B  
çUNRAR.DLL£,ì“üžè[]æ[]F<http://www.rarlab.com/>(fTfCf[]g[]f[]f[]f...[][,ìçRAR£¼%ođ,ì  
çextras£,ÁçUnRAR.dll (for Windows)£)

,»i,¼,ìDLL,ì“üžè[]æ[]F<http://www.csdinc.co.jp/archiver/index-j.html>

## []œçUnGCA32.dll£,É,Á,ç,Ä

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[usapyon\\_usapyon@hotmail.com](mailto:usapyon_usapyon@hotmail.com)

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### □œVer1.04

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### □œVer1.05

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□E□f□Cf“fEfBf“fhfE“¼fCf“f^□[ftfFfCfX, ðWindowsŽg—  
pftfHf“fgfTfCfY“™, ÉSÖ, í, ç, , CE©, â, , , •\Ž!, , , é, æ, x, É, µ, ½  
□E“—f\ftgfEfFfAŠefEfBf“fhfE, ðfTfCfY•í□XŽŽ, É□AZæ“¾, µ, ½ŠefEfBf“fhfE, ð•\Ž!  
Ž! □ó' Ö, ðCE³, ÉfTfCfY•í□X, a“K□Ø, É□s, !, é, æ, x, É, µ, ½  
□E%□EfNfŠfbfN, Å, ðVfXfef€f□fj... □[ , ð•\Ž!, , , é, æ, x, É, µ, ½  
□EWindowsXP, Å, ðfXfNfŠ□[f“fZfCfo□[□[CEäf□fj... □[ , ð“ñ•\Ž!, É, µ□Aç%□æ—É, ðfvf□fpfefBf  
, ðf□fj... □[ , É'Ç%□Á(WindowsXP•s<i□#‘í□ô)  
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□Eç“ú•t, ðŽŽ□□, ðfvf□fpfefBf•\Ž!  
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É“™, ð•í□X, Å, «, éRf“fgf□□[f<, □[fh, ðŽÀ'•  
□Eç<N“®□—¹£, Åç, v, %□, Ž, , , □, —, “, ð□—¹£f\_fCfAf□fOCEÄ, Ñ□o, µf<□[f'f“, ð%□ü—  
Ç(WindowsXP•s<i□#‘í□ô)  
□EçfAfVfŠ□[CEä£, Å□A<N“® , µ, ½fAfVfŠfP□[fVf+“, ð^èŽž'âŽ~Žž, É“Ä—pfCEfWfXf^ , ð“à—  
e, ð•\Ž!, , , é, ðfvfVf+““Ç%□Á□iWindows9x/Me□j  
□EçfAfVfŠ□[CEä£, Å□efEfBf“fhfE, ð' l' ð, , , é, ð'ŽqfEfBf“fhfEfŠfXfg, ð•\Ž!, , , é, æ, x, É, µ, ½  
□EçfAfVfŠ□[CEä£, Åç%□ÄŽ' S“jŠü£ŽŽ, ð^À'S□« , ð□ , , ð, ½  
□Eçf□f, fŠ£, ÅCPU, ðžü“g□“, ð•\Ž!  
□Eçf□f, fŠ£, ÉŽ©CEŽŽg—pf□f, fŠ□Á“K%□»<@“\, ðŽÀ'•(Windows2000/XP)  
□Eç16□i-, Q□i£f{f^f“, ÅfNfŠfbfVf{□[fhfj... □[fA, ð<N“® , Å, «, é, æ, x, É, µ, ½  
□EŠeŽ□^—□^À'è%□»<y, ÑfR□[fh□Á“K%□»  
□EfWf<fv, ð“Ç, Ý, â, , , ç, æ, x, É'â•□□', «Š, !  
□EfAfCfRf“, ð-G, !'“x, ðCEü□ã, ³, ¹, ½  
□E“™□X

**□œVer1.06**

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□E' l' ðf□f, fŠGfŠfA, ðfvf□fefNfg'®□«•í□XCE^fR□[fh  
□E' ½□df□fCf“f^CE^fR□[fh  
□E'f'±□', «Š, !CE^fR□[fh  
□Eç%□ü'çfR□[fh“ü—í•â□•£, ÅWindows•t'® , ð'd'ì, ©, ç, •\Ž!' l, ð, » , ð, Ü, Ü, , é, ç  
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□E^ê•“, ð%□ü'çfR□[fh, ðCE^ , ðCEè“FŽ“, µ, x, éP□[fX, É'í□^

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e, à□X□V, , , é, æ, x, É, µ, ½  
□EŽw'èfAfhfCEfX•í□X—pfXfNf□□[f<fo□[ , ð%□ü—Ç  
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□EfVf□fZfX' l' ðŽŽ, É•\Ž!, , , éŠi—{□i'ñ, ð“à—e, ð•í□X, µ, ½

□EWindows2000/XP,Ā,lfvf□fzfXfšfXfg•\Ž|,Ā^ê•",lfvfXfef€fvf□fzfX,đ"ñ•\  
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□Eft□[fU□[,í•ú□X,©,ç,l,²^ŎCE©,đCE<sup>3</sup>,Éf□fCf"fEfBf"fhfE,lfCf"f^□[ftfFfCfX,đ%ü—  
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□EWindowsNT,lfTf□[fg,đ'tŽ~□i"™OS□ê—pfR□[fh,É,æ,éŽĀ□sftf@fCf<"í'â%»»,đ  
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□E"™□X

### □œVer1.07

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č10£f{f^f",Æ,í<sup>1</sup>—p,í,Y)

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e, ðCEÿöðŠJznfAfhfCEfX, ÉŽw'è, Å, «, é, æ, x, É, µ, ½(fAfhfCEfX"JŽÈ)  
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### □æVer1.08

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