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ip|ó¾p§@BVK
Options

°T@§»i©ú
Message

¹q, £¶}¾÷«¬f¬r, Ñºc
Virus Information

Options

Boot Virus Killer **Ń-rxj@v;A^{3/4}pš@»i©ú;G**



Ń}©l°»'ú°í°Đx̄x̄¬Oš_·P¬VŃ}3/4÷«¬f¬r;C



©lšs»²šU»i©ú;C

Message

¶}¾÷,Ñ¬rαj®vιA°T®§,Ñ»ιιG

Disk not ready!

Virus not found!

Cannot clean virus!

Virus has been killed!

Sector not found!

Virus Info

ITEM INFO

1991
Abt6
Alarm 5
Angelina
Anti-Exe
Bad Student
Birthday July 7
Bloody
Burning Fire
Cancer
Cmos Killer
Cmos-None
Dont-Break
Fish
Flip
Golden Cicada
Macgyver 2.0 Boot
Melody
Monkey
Natas
November 4
Parity
Random
Stone II
Stoned III
Tequila
Type-Tick
V Show

¶µ¥Ø,Ñ»i
1991~f~r
xj.}AY~f~r
xãÄÄÄ¾¼x¹a~f~r
|wµX²ú@R~f~r
°õ|æÄÉ«g~P~f~r
Ãa¾¼Ç¥Í~f~r
xÇxëxÇxé¥íxé~f~r
|ã, { ~f~r
¿U¿Nã§xõ~f~r
Àù`g~f~r
CMOS ±þxâ~f~r
CMOS @ø¥ç~f~r
,TxîxãÄ_~f~r
¾½~f~r
xð±xH~f~r
a÷ÄÍ~f~r
°¨»\¥P2.0¶}¾¼÷«~f~r
øt«µ`g~f~r
µUxì~f~r
¨°¶ø´µ~f~r
xQx@xë¥|xé~f~r
|P|ìx,~f~r
ÄH¾¼÷~f~r
¥ÜÄYxG,¹~f~r
¥ÜÄYxT,¹~f~r;|;|¶}®Ô°ðÃ¹~f~r;^
Às|þÄö~f~r
°wµª~f~r
V|r§Í~f~r

Wake Up

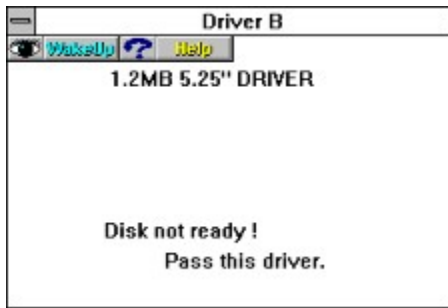
±Ò°ÊBVK°»¬r²k²´jA¶}©I°»´ú¶}¾÷«¬f¬rjC

Help

©I¥s¥»BVK ½uαW“İ¥İ»j©újC

Disk not ready!

øí°Ð¾÷àù¥¼Äö;A©Íøí°Ð¾÷¥¼©ñæj°íæù;C



Virus not found!

g¹LÄË~d;AºíºÐææ·ÃµLæwª¾¼«~f~r;C



Can not clean virus!

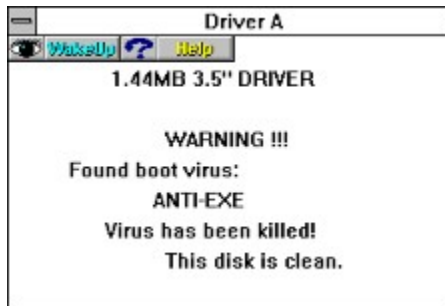
01°Dααμo²{~f-r;A|ýμL²k²M°£;A³q±`¥iαÀαU!CαT°Ø¥i~à;G

- 1.01°D«½Æ·P-V-Yα@~f-r;A³y_i"ì©|01°I,ê@Æ¿ò¥ç;AμL²k¥¿±`,Ñ-r;C
- 2.01°D«½Æ·P-Vα@°Ø¥HαW~f-r;A³y_i"ì©|°I,ê@Æ¿ò¥ç;AμL²k¥¿±`,Ñ-r;C
- 3.01°D"ã_i³"¾¼g¥\~à;A¥HPμL²k±N~f-r²M°£;C



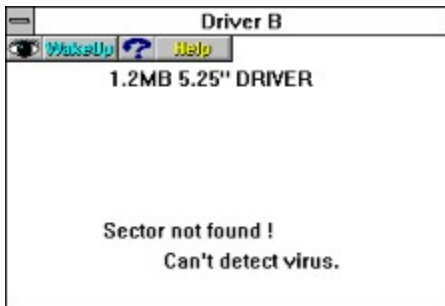
Virus has been killed!

0j°Dααα\$~f~rjAαw|~¥\²M°£jA±zαα0j°Dαw¥i¥¿±`~i¥ÍjC



Sector not found!

9ī°īĀa" ú¥ç±Ñ;A³q±`→°ōīxù·l·´;A©Ī~S®í³W®æx\$ōīxù;A¥HP\$@·~"t²íμLªk¿ëĀÑ;C



“i”ä-f-ræ^æ|r,q©Î-f-r|æ-°“Ó©Ræææ|W°Û;C

~f~ra°Ãp«~iG

Boot ;G¶}¾÷«~f~r

File ;GÃÉ®x«~f~r

Trojan ;G~S~¥¥î~f~r

Windows ;GWindows ~f~r

3Q·P→V^{ao}ī^oi^ñī^oÓ^{ao}ī^oi^{1/4}W[¥][^{aoa}ø[«]x(bytes);C

~f~r©Ö±`¼n²ºæè!;i;C
UMB
Video Ram
Ram
Top of Base Ram
DOS BUFFER

~f~r©Ò·P~Vªºí°ì;C

Boot : ¶}¾÷±Ò°Êºí°í

MBR : ¥Dn¶}¾÷°O¿ý°í(Master Boot Record),§Y¤@~ë©Ò°ÙªºPartition Sector

Files : ÀÉ®×©ÍÀÉ®×Àx!s°í

Root : ®Ù¥Ø¿ý°í

~f~r©Ò¥í~i~a~o~x~x~Â~_~i~C

~f~r©Ò·P~V^{ao}ÀÉ®x«~§OjC

~f~r~Oξ_ ``ã|³ÁôÃ|Ûκν^{αθ}~àκO;C

~f~r²⁰α⁰©w^{1/4}Đ°O;A≠un³Q·P~V¹L²⁰°İ³ı¹¹/₄Đ°O;A´Nα£·|ıA·P~VαW≠h;C

~f~r^aα@~Çμoξ@±øϕó;B^a~^ap»P~}Ãa±;ſî;C

~f~rμo\$@®É©Ò¥X²{²º°T®§©Îμε±;C

¥i¥H®Ú¾4Ú³o²Ö½X;AŞY¥i¥HGSCAN©ÎGSAFE±½ºË¥X;¹~f¬r;C

VIRUS ITEM INFO

je f-r;W°Uif

f-r«-§O;Gi» Boot;° File;° Trojan;° Windows

f-rxjxp;G512h Bytes

±`¾næe;i;Gi° UMB;° Video Ram;° Ram;» Top of Base Ram;° DOS BUFFER

·P-V°I°i;Gi» Boot;» MBR;° Files;° Root

ææÂ_ì§};GINT 13h

·P-V³W«h;Gi°;°.EXE;°;°.COM;°;°.OVL;°;°.BIN;°NEW.EXE

-O§_Áô§î;Gi° Yes;» No

·P-V¼D°O;GDWord[BootStrat]=DWord[VirStart]

f-r;æ-°;G1.°C;~æTæææææ;A°R·

´µw°D,ê@Æ;A¥Ñ©ó,Óæé¾A³{;ì¶} @Ô°ðÃ¹íæé;B;|b°ê¥~æS°U-°;ì-r;Cµo\$@®É§

e²{·í¾÷á-°A,¹q, f;Ã¹õæ

f°É§@,;Óµw°Dªº;O«oæ@ª½«GµÛ;C\$Y°°IFORMATµw°D¥çµLªk±N`f-r²M°f,FDISKæ

]æf`f±o;³@Ã;C°õ;æCHKDSK«ü¥O,ÀË-dTotal

Memory-°638K;C;¹-r;|b°ê¥~³Qµo²{ÃÛ,ñæ§@É¶;;Aæ@`ë;|b1991;~\$À;A`ã±ÀÂ_À³

-°¥æÆW¶Ç¥Xªº;C

2.FORMAT DISK,`_}ÃaPartition Table;C

f-r°T®§;GNo

±½-r°t½X;GE9,AC,D8,FA,8E,D0,B0,00,STD3

VIRUS Stoned III

ieŸÛÀYαT, 1⁻f-r;fαS;W;|}®Ô°ðÃ¹-f-r

⁻f-r«-ŸO;G;» Boot;° File;° Trojan;° Windows
±`¾næè;|;G;° UMB;° Video Ram;° Ram;» Top of Base Ram;° DOS
BUFFER

•P-V°i°;G;» Boot;» MBR;° Files

ααÂ_;|}GINT 13h

•P-V³W«h;G;°;°.EXE;°;°.COM;°;°.OVL;°;°.BIN;°NEW .EXE

-OŸ_ÁôŸ;G;° Yes;» No

•P-V¼D°O;G4Bytes[BootStart]=4Bytes[VirStart]

⁻f-r;æ⁻;G1.°C;~αTæα»αé;A°R.

´µw°D,ê®Æ;AŸN©ó,Óæ¾A³{|}®Ô°ðÃ¹Ÿ|αé;B;b°êŸ~αS

°Û⁻;|⁻;CµoŸ@®ÉŸe²{·¾÷^a-°A,¹q,£;Ã¹õα

£°ÉŸ@,;Óµw°D^α;O«oα@^a½«GµÛ;CŸY°°IFORMATµw°DŸçµL^{ak}

±N⁻f-r²M°£,FDISKα]α£°£

±o³®Ã;C°õ;æCHKDSK«üŸO,ÀË⁻dTotal

Memory⁻°638K;C;¹-r;b°êŸ~³Qµo²{ÂÛ,ñαŸ®É;|;Aα@⁻è;b1

991;~ŸÀ;A°ã±ÀÀ_À³-°ŸxÆWŸÇŸX^α;C

2.FORMAT DISK, }ÃaPartition Table;C

±½-r°t½X;GE9,AC,D8,FA,8E,D0,B0,00,STD3

VIRUS Golden Cicada

je^a÷ÁÍ⁻f~rjf

- ~f~r«~ſO;G;» Boot;º File;º Trojan;º Windows
- P~Vxjxp;G3072 bytes
- ±`¾næè;ij;G;º UMB;º Ram;º Top of Base Ram;º DOS BUFFER
- P~Vºİ;G;» Boot;º MBR;º Files
- xxÂ;ij;GINT 13h
- P~V³W«h;G;º;~.EXE;º;~.COM;º;~.OVL;º;~.BIN;ºNEW .EXE
- P~V¼ĐºO;G[110h]=534fh
- ~Oſ_Áôſî;G;» Yes;º No
- ~f~r|æ~º;G`C|~x»æèxQæé;AÃãÿÜ~f~rºT®ſ;A`ÃºR·´µwºĐ,ê®Æ;C
- ~f~rºT®ſ;G



±½~rºt½X;G3C,90,7D,83,3E,05,60,00,GCDA

VIRUS Abt 6;]Hammer;^

ieaj.}AY~f~r;f

~f~r«~§O;G;» Boot;» File;º Trojan;º Windows
±`¾næè;ii;G;º UMB;º Video Ram;º Ram;» Top of Base Ram;º DOS
BUFFER

•P~V°i°;G;» Boot;» MBR;º Files

ææÂ_}i§}i;GINT 13h

•P~V³W«h;G;»i .EXE;»i .COM;º; .OVL;º; .BIN;ºNEW .EXE

~O§_Áô§i;G;» Yes;º No

~f~r;æ~°;G·x¶}¾÷ ®É(§Y<Ctrl> + <Alt> + Áä);A±N¥X²{-
µ¼ÖÄn(©Îaj.}AY©ÎÂÂâ;h·êªe)~Ã¶}©IFormatµwºD;C;¹~f~r«Yª
½±µ©IBIOSæº³;æ§INT13;Ó¹µwºD¶i;æFormat;A¥Ø«e¥«æWæ§~
¾~r³nÁéæj³fµLªk~¾æî¹~f~ræ§«l®`i;A;Ó¥»æ½¥qæ§²f«~«o`àºë
½T;aÄdºi~Á,Nºf;¹~f~r;C

±½~r°t½X;GEB,5D,B4,80,CD,13,73,00,ABT6

VIRUS Flip(Omicron)

jeαd±αH⁻f-r;f

⁻f-r«-§O;G;» Boot;» File;» Trojan;° Windows
±`¾næè;ij;G;° UMB;° Video Ram;° Ram;» Top of Base Ram;° DOS
BUFFER
•P-V°i°;G;° Boot;» MBR;» Files
ααÂ_;i§};GINT 1Ch;AINT 21h;AINT 24h
•P-V³W«h;G;»i°.EXE;»i°.COM;°;i°.OVL;°;i°.BIN;°NEW .EXE
-O§_Áô§i;G;» Yes;° No
⁻f-r;æ-°;G;¹f-r^α°f-r½X·|;]±H¥Dα£;P;A;Óα
£;P;C¥;C;·P-V§O^αμ{;i;N·|
`l·í@É^αq,£^α-^αp`Ó½s½X`Ã`l^αpαW¥i°ö^αμ{;i;Cα]α
£;A;³©T©w^α°f-r½XαF;C
Flip-OÀÉ®x·P-V«-;B¶}¾÷`t²l«-;B-
YÁz-μ«-;A;Ó;¹Ãz-μ¼x^α-Èæf·|Formate±z^αμw°D;A¥i-O·|
|b`Cæë2,¹αWαÈ 10-11Â;¿¾ÜEGA/VGA^α;Ã¹ö;A±N;¿¹ö^αμe±
αWαU;B¥^α¥kAAË;A`ì@ÉÖ±zÁÛ`un§âÀç¹öË¹L`Ó-ÝαF;C
±½-r^αt½X;G0E,BB,B2,FF,81,C1,06,00,FLIP

VIRUS Cancer

ieAù⁻g⁻f⁻r_if

⁻f⁻r^{«-}§O_iG_i» Boot_i» File_i[°] Trojan_i[°] Windows
±[`]^¾næè_i;_iG_i[°] UMB_i[°] Video Ram_i[°] Ram_i» Top of Base Ram_i[°] DOS
BUFFER
•P⁻V[°]ï_iG_i» Boot_i[°] MBR_i» Files
ææÂ_i§_iGINT 13h
•P⁻V³W«h_iG_i»_i⁻.EXE_i»_i⁻.COM_i[°]_i⁻.OVL_i[°]_i⁻.BIN_i[°]NEW .EXE
-O§_Áô§î_iG_i[°] Yes_i» No
⁻f⁻r_iæ⁻_iG⁻Ãæ£·|ÂÇµÛ·P⁻V[°]ïæùæ§Boot Sactor[°]ï⁻Ó[']2§G_iA_iý·|
Delay⁻t²î_iA⁻Ã·|show¥XI am tired_iAlet me take a restµ¥[°]T[®]§_iC
⁻f⁻r[°]T[®]§_iG¥X²{I am tired_iAlet me take a restµ¥[°]T[®]§_iC
±¹/₂⁻r[°]t¹/₂X_iG8C,D8,FF,2E,15,01,06,00,CANC

VIRUS Fish

ie³/₂-f-rif

~f-r<<-§O;G;» Boot;° File;° Trojan;° Windows
 ±`¾næè;ij;G;° UMB;» Video Ram;° Ram;° Top of Base Ram;° DOS
 BUFFER
 ·P-V°i°;G;» Boot;» MBR;° Files
 ææÂ_;i§};GINT 13h
 ·P-V³W«h;G;°;°.EXE;°;°.COM;°;°.OVL;°;°.BIN;°NEW .EXE
 -O§_Áô§î;G;° Yes;» No
 ~f-r;æ-°;G·íFISH·P-V`ä¥;ÀÉ®×®É;ARAMæ´Åã¥Ü-°640Kæ£·|
 ÅÜ;A;Ó¥B¥;æ£·P-V360Kæ\$DISK;C;b1992!~æ°æ,¥¹;AFISH·|
 "SCREEN©¿©ú©¿·À;A;b¥kæW`æ·|¥X²{¥HæUæ°°T®§;r²´;C
 ~f-r°T®§;GHellw! I am FISH, please don't kill me..Congratulate 80th
 year of the Republic of.. China Building,Fish will help to
 killstone.. Written by Fish in NTIT. TAIWAIN80.10.18 .\$.
 ±¹/₂-r°t¹/₂X;GC5,37,E2,DD,E9,4D,68,00,FISH

VIRUS Stone II

jeŸŪÀYαG, 1~f~rjf

~f~r«~ŸO;Gi» Boot;º File;º Trojan;º Windows
•P~Vαjαp;G512 bytes
±`¾nαè;ij;Giº UMB;º Video Ram;º Ram;º Top of Base Ram;º DOS
BUFFER
•P~Vºİ;Gi» Boot;º MBR;º Files
ααÂ_;i\$};GINT 13h
•P~V³W«h;Giº; .EXE;º; .COM;º; .OVL;º; .BIN;ºNEW .EXE
~O\$ _ÁôŸî;Giº Yes;º» No
~f~r!æ~º;G±`¾n@É·||ûºO¾ĐÁé2K;Cμo\$@®É·||b¥ªαW``α¥X²{ºT®\$;C
~f~rºT®\$;GYour PC is now stoned!
±½~rºt½X;GEB,3C,FF,2E,8A,00,84,00,STD2

VIRUS Bad Student

jeÃa¾Ç¥Í~f~rj f

~f~r«~§O;G;» Boot;º File;º Trojan;º Windows
±`¾næè;ij;G;º UMB;º Video Ram;º Ram;» Top of Base Ram;º DOS
BUFFER

•P~VºÏº;G;» Boot;» MBR;º Files

ææÂ_}i§}i;GINT 13h

•P~V³W«h;G;º;~.EXE;º;~.COM;º;~.OVL;º;~.BIN;ºNEW .EXE

~O§_Áô§î;G;º Yes;» No

~f~rjæ~º;G•P~V³nºÐººBOOT SECTOR©MµwºÐææººPARTITION

TABLE;CµM«á±N;Û§ÚÂ²æ¶©M;Ñ®v¹q,ÜÀH!P!¥»¥

¿½TººBOOTºÏ,ê®Æ©ÍPARTITION

TABLE,ê®Æ©ñ!bBOOTºÏÄÉ®x,ê®Ææ§«áæµwºÐæ

æ²Ä0ºÏ~W²Ä0±²Ä6ÓºÏ!ææ;C

P.S.

¼g³º;~f~rºº¾Ç¥Í;]«Ü¥i~à~O;^!ÛºÛ

´NÂº©ó³{¥Òæj¾Ç¹q¾÷´tººæ@!T.C.Cºº¾Ç¥Í;A¥i~à~O

¿,g³Q¥L´tæWºº±Ð±Â·¹L;A³ºµM±Næ@-

Ó¶!Ñ®vºº¹q,Û,½Xµn¿ý´ææW;A¥i~à~O§Æ±æ;nÁýæH~Ý

´³o«hºT®§;Ó¥´¹q,Ü¥hÄ!ÄZ´º;¥i¼,ºº¶!Ñ®v§a;|

±½~rºt½X;GEB,1C,B8,01,03,BA,CF,00,BADS

VIRUS Melody

ie^ot«μ^gf~r|f

~f~r«~sO;G;» Boot;° File;° Trojan;° Windows
±`¾næè|;G;° UMB;° Video Ram;° Ram;» Top of Base Ram;° DOS
BUFFER
•P~V°i°;G;» Boot;» MBR;° Files
ææÂ_}i\$}iGINT 13h
•P~V³W«h;G;°;°.EXE;°;°.COM;°;°.OVL;°;°.BIN;°NEW .EXE
~O\$_Áô\$î;G;° Yes;» No
~f~r|æ~°;G1.æ@¶}¾÷´N°Û°q,°t«μæFæ@°¿½°¹æ°æp©]i±
(·íμM~Oæù~q),;A¹j30æÄÄÁæS´«æFæ@-
°;³o°Ø~f~rÁ`!@°ÛæFæT°°q,´A°æ°æ°æ@L©u,±a`Óæ@μ·²D·N,æ£·|
¿ò°xæH¶i,¥u·|μ¹USERæ@`ÇÅå©_!Óæw;C
2.±Nì!³æ°PARTITION TABLE²¾4!Ü²Ä0yæ\$°ä¥L°í°í,¥Ñ·P~Væé
´Á\$@¹B°â,¥i¥H±oæ¾¾°°ä~u¥¿æ°;ì,m;C
3.·P~V«áæ°30æÑ«á,·|¶}©|«μ¼Ö;C
4.°Sj³°ä¥Læ°}Äa|æ~°;C
5.·P~Vμw°Ð«á,¹i³n°Ð\$@«p°©,§Y!æ·P~V;C
±½~r°t½X;G20,33, E0,12,A4,00,1A,00,MEDY

Æ;VIRUS Bloody

ie|ã, {~f~r|f

~f~r«~§O;G;» Boot;º File;º Trojan;º Windows
±`¾næè;|;G;º UMB;º Video Ram;º Ram;» Top of Base Ram;º DOS
BUFFER
•P~V°i°;G;» Boot;º MBR;º Files
ææÂ_;i§};GINT 13h
•P~V³W«h;G;º;~.EXE;º;~.COM;º;~.OVL;º;~.BIN;ºNEW .EXE
~O§_Áô§i;G;º Yes;» No
~f~r|æ~°;G·P~VBOOT sectoræÎPartition table;CÀË~dMemory®É·|
æÖ2K;C³sÄò¶}¾÷128|,æ§«á,Bloody´N·|
Ãzµ;C|Ó«á,´C¶}¾÷æ»|,Bloody´Nµo\$@æ@!.,;C;]æ£·|
³y|´·i¾÷i^
~f~r°T®§;GBloody ! Jun. 4 ,1989.
±½~r°t½X;G2E,FF,8E,D8,FA,8E,C0,00,BLOD

VIRUS November 4

¡eæQæ@æë¥|æé~f~r¡f

~f~r«~§O¡G¡» Boot¡º File¡º Trojan¡º Windows
±`¾næè¡¡¡G¡º UMB¡º Video Ram¡º Ram¡» Base RamË¼Æ41KB¡º DOS
BUFFER
•P~V°¡°¡G¡» Boot¡» MBR¡º Files
ææÂ_¡¡§}¡GINT 12h¡AINT 13h
•P~V³W«h¡G¡º¡.EXE¡º¡.COM¡º¡.OVL¡º¡.BIN¡ºNEW .EXE
~O§_Áô§¡G¡» Yes¡º No
~f~r¡æ~°¡G1.¡¥D¾÷POWER¥'¡¡}¡A±±"¡Áv¥ÑBIOSÂà"¡Parti-
tionº±Ò°Êµ{¡¡¡@É¡A·¡,g¥Ñ0:7C00ºS©w¡¡§}¡A±N±
±"¡Áv¡AAà"¡BOOT
Sectorº¡¡}¾÷±Ò°Êµ{¡¡¡C¥Ñ©óNovember 4·
±N¡nºBOOT°¡©ñ¡bµwºDººÄ0 Head¡A²Ä0 Cylinder¡A²Ä79
Track¡A²Ä6 Sector¡F©Í~O©ñ¡b³nºDºº³}«áæ@y¡C±qæWz±
¡§Í±oº¾¡ANovember 4·
ÄdºIINT12¡A¥H±oº¾MEMORYºæjæp¡Fæ]·
ÄdINT13¡A°µº¡ºDººÁº¾g°Ê§@¡C¡¹¥~¡A¥¡ÁÜÄdºIINT8¡A-
Y"t²¡@É¡¡¡b11æë4æé¥H«á¡AY"¡¥ÍÊæÑæææå¡A«h·
Åã¥Üæ@~qæææå°T@§¡A³o'N~O¡¹~r"ú¡W~°November 4º¡¡]
¡C
2.November 4¥»"·|Áô§¡A·í±ýÀË~dBOOT
Sector©Í"¡¥Ídebug°|ÁÜ@É¡A¥¡·|Åã¥Ü¥¿½Tº,ê®Æ¡A|Óæ
£©ö~°æH¹¡Ä±¡C
±½~r°t½X¡G33,DB,8A,B1,02,87,30,00,1104

VIRUS Cmos Killer

iecMos ±pæâ[~]f-r;f

```

~f-r<-šO;G;» Boot;º File;º Trojan;º Windows
±`¾næè;|;G;º UMB;º Video Ram;º Ram;» Top of Base Ram;º DOS
  BUFFER
·P-V°i°;G;» Boot;» MBR;º Files
ææÂ_}i$};GINT 13h;AINT 1Ah
·P-V³W<h;G;º;°.EXE;º;°.COM;º;°.OVL;º;°.BIN;ºNEW .EXE
-Oš_Áôšî;G;» Yes;º No
~f-r;æ-º;G1.í¶}¾÷ @ÉBIOS±N¥D±
  ±Åvæµ¹PARTITION®É;A-O¥H0;G7C00º;|š} -ºBUFFER;A;
  Ó·í$Ú-
  nÆ[¹¶}¾÷ <-~f-r®É;A«oµLªkª½±µ±N¥;LOAD""ì0;G7C00ª
  º;|š}æW;A;]-º_Ó;|š}""ü""iBIOSº""î;A³¹Gªñªº´ú_Öªk;A
  ´N-O±N""äLOAD""ì-Y-
  Ó_`æº;|š}-O7C00ººO¾¼ÐÅéæW""Ó°IÂÜæF;C
2.CMOS KILLER·|;Y±¼1KººO¾¼ÐÅé;C
3.¥íææ-rº;æù¶}¾÷ @É;A~f-r·|±N;Úæv©ñ;b9FC0:0005ºº;|š}
æW;A;Ó;nº¶}¾÷ °íµ{|;«h³Q©ñ;bROOT°î³}«áºæ@-
Óºí°;A¼4±xSMººUSER¥iª½±µ±N;nººBOOTSECTOR·h;^
´N_Ñ-ræF;C
4.CMOS KILLER·|ÄººææÂ_}³INT13h;BINT1Ah;C
5._Ó-r·|·P-VµwºÐ©M³nºÐ;A;Ó·í±zPCæº-
p®É¾¼¹ºº-í¼Ææj©650-í®É;A¥;´N·|²M°£±zººCMOS
DATA;A-G|³æ»æÀæ$æ@ºº¾¼÷²v·|ææ-rµo$@;C
6.|bµwºÐººPARTITIONæº·|;Ú$ÚÁôšî;C
±½-r°t½X;GEA,D3,01,75,02,41,30,00,CMOS

```

VIRUS Tequila

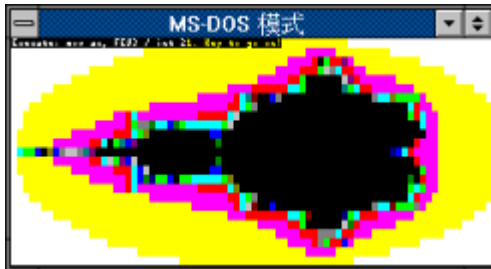
¡eÀs!PÄõ~f~r!f

```

~f~r<<~§O;G;» Boot;» File;» Trojan;º Windows
±`¾næè;¡;G;º UMB;º Video Ram;º Ram;» Top of Base Ram;º DOS
  BUFFER
·P~V°i°;G;º Boot;» MBR;» Files
ææÂ_!i§};GINT 13h
·P~V³W«h;G;»¡.EXE;º;¡.COM;º;¡.OVL;º;¡.BIN;ºNEW .EXE
~O§_Áô§!;G;º Yes;» No
~f~r!æ~º;G1.Tequila¥u·P~VEXEÁÉ;C
  2.¥!·|·P~VPartition;A;Ó¥Bæ@©wnµ¥"ì_ÓºiºDººPartitionæ
    æ~r«á;ATEquilaæ~·|i°ö;æÁÉ!i;æ·P~Vººæu§@;C
  3.¥!"Áæ£·P~V³nºDæ!µwºDººBOOT SECTOR;C
  4.·í¥!±`¾n!bºO¾DÁé®É;A·|
    ¡û±¼~ù3KººO¾DÁé;A;Ó"ü·P~VººÁÉ®x"ãºº«x·|
    ¼W¥[2468 bytes;C
  5.µo§@æé'Á§Y~O±q³Q·P~Vºººæ@æéºâ°_¡Aæ§«áºº²Ä¥|-
    Óæºº·íæÑ;A-
    Y"i¥!³Q~f~r·P~VººPARTITION!}¾÷«á;Aºö;æ§¹²Ä¥|-
    Óµ{!;¡A~f~r'N·|¥X²{æ@©ñ®gº~ººº¥¼hµe±;A;Ó«á"Ç-
    Óææ@!j"i»Pææ~ræé~Ü!Pººæé'Á;A²Á;XæWzºº±ø¥ó;A~f~r
    'N·|µo§@;C

```

~f~r°T®§;G



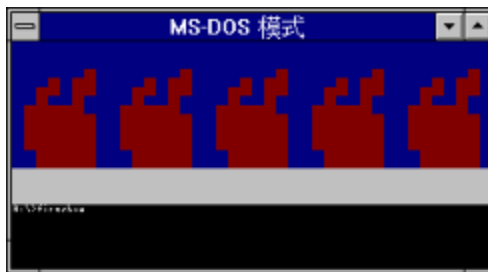
¥t!³æ@°T®§~ºBEER and TEQUILA forever!
 ±½~r°t½X;GB9,FE,8A,14,46,43,0E,00,TQLA

VIRUS Burning Fire

jezUNxšxõ~f~rjf

~f~r<<~šO;G;» Boot;º File;º Trojan;º Windows
±`¾næè;ij;G;º UMB;º Video Ram;º Ram;» Top of Base Ram;º DOS
BUFFER
•P~V°i°i;G;» Boot;» MBR;º Files
ææÂ_ìš;GINT 13h
•P~V³W«h;G;º;~.EXE;º;~.COM;º;~.OVL;º;~.BIN;ºNEW .EXE
~Oš_Áôšî;G;» Yes;º No
~f~rjæ~º;G1.FIRE~Oæ@°;¶}¾÷«~f~rjA¹i©ó³nºDººBOOT·|
¶i|æ·P~VjA¹i©óµwºD«h~Oº½±µÁÐ»\Partition;A!Ó¥B·|
±`¾n;A±`¾n@É·|
|û±¼1KººO¾DÁé;C¹i©ó³nºD³;¥÷;AFIRE·|
±N;nººBOOT·h`ihed 1;Bcylinder 25ºº;ìš;G
2.FIRE;³æ@Ó~SšOºººß©É;Aºº
´N~O¥||b²Áæ@;|.P~Vºº.íæ;A¥í³nºD¶}¾÷æ]æf·|
|³¥ô;óµoš@ººÉš@;A;ý~Oµ¥`ìæ@¹LæF·P~Vººæè¥÷;AYæf
æpæß¥HæææFFIREºººnºD¶}¾÷ºº.Ü;Aºº»òµwºDººPartition
´Nº½±µ³Q·´æf;C
Ä´ip;G±zººµwºDÝ©ó83|~æ@ææææ
æFFIRE~f~rjAºº»ò;bx@æè¥÷FIRE`Ãæf·|
|A·P~V`ä¥;ºººD;A;ý~O;A83|~2æë©Î2æè¥H«á;A±zæ
f·V¥íæFææFFIREºººnºD¶}¾÷;Aºº»òH.D.ººPartition´N·|
³Q·´;CÁo©úººUSER~Oš_Áp·Q`ì;AººY¥íµwºD¶}¾÷æf
´NµL`Æ?`S;ù;A;ipæ@º½¥íµwºD¶}¾÷´N·|²f¥íæW-
zÃz~µ;æ~º!~G;|b¹q, f¶}©ñ`í¥íººÀºººææ
;Aæñ, û@e©ö¥B;ºººD¥H³nºD¶}¾÷;AººÒ;ip;G¾Ç®Ö;B
¹q, fæææßµ¥;Aºº»ò´Nµ¥©óµ¹FIRE«Ü|hµoš@ººº¾÷·|æF!

~f~rºT®š;G



±½~rºt½X;GE0,B9,01,19,B6,08,00,FIRE

VIRUS Monkey

jeμUαI⁻f⁻r_if

⁻f⁻r[«]-[§]O_iG_i» Boot_i[°] Filev_i[°] Trojan_i[°] Windows
±[`]³/₄n^æè_ij_iG_i[°] UMB_i[°] Video Ram_i[°] Ram_i» Top of Base Ram_i[°] DOS
BUFFER
•P⁻V[°]ï[°]_iG_i» Boot_i» MBR_i[°] Files
^æâ_iî[§]_iGINT 13h
•P⁻V³W[«]h_iG_i[°]_i.EXE_i[°]_i.COM_i[°]_i.OVL_i[°]_i.BIN_i[°]NEW .EXE
⁻O[§] ^Áô[§]î_iG_i» Yes_i[°] No
⁻f⁻r_iæ⁻_iG_iMONKEY[¥]_i·P⁻V_iμw[°]Ð^æPartition_iA_iý^æ
£·P⁻V_iμw[°]Ð^æBOOT_iA³n[°]Ð^æBOOT[«]h_i·P⁻V_iCMONKEY·|
±[`]³/₄n_iA[~]Ã[¥]B©MBURNING FIRE^æ@¹/₄Ë_iA·|
|Û±¹/₄1K^æ°O³/₄Ð^Áé_iA_iý⁻OMONKEY©|[¥]B·|
^Áô[§]î_iC·í[¥]_i·P⁻VH.D.^æPartition[®]É_iA·|
±N_in^æPartition_ig¹L¹/₂s¹/₂X^æ«á_iA²³/₄``ìμ
[´]1_i°ï[°]î²Ã^æT[°]ï[°]î_iF¹î_i©ó³n[°]Ð³_i¥÷_iA[«]h⁻O±N[~]ä_in^æBOOT[°]î[~]h[~]ì«ü©
w^æ°ï[°]î_iA_iÓ[¥]B^æ]-O_ig¹L¹/₂s¹/₂X_iC
|Û©ó³n[°]Ð³_i¥÷_iA[~]ì^æ£_iP^æ°³W[®]æ^æÀ[§]O±N_in^æBOOT²³/₄``ì^æU_iCμ
[´]1_i°ï[°]î_iG
[°]ì^æù³W[®]æ 1.2MB 360KB 1.44KB 760KB
©î[~]ä[¥]L
μ[´]1_i°ï[°]î 28 11 31 22
_i°^ææ^æFMONKEY^æH.D.Y[¥]îA[¶]}}³/₄÷«h·|[§]ä^æ£[~]ìC[°]Ð_iC
±¹/₂-r^t¹/₂X_iGFA,2B,CD,12,BE,4C,0D,00,MOKY

VIRUS Macgyver 2.0 Boot

je°"»|\\$P2.0¶}¾÷«¬f¬rj f

¬f¬r«¬§O;Gi» Boot;» File;° Trojan;° Windows
±`¾næè;ij;Gi° UMB;° Video Ram;° Ram;» Top of Base Ram;° DOS
BUFFER
·P¬V°i°;Gi» Boot;» MBR;» Files
ææÂ_;i§};GINT 13h
·P¬V³W«h;Gi°;¬.EXE;»i¬.COM;°;¬.OVL;°;¬.BIN;°NEW .EXE
¬O§_Áô§i;Gi° Yes;° No
¬f¬rjæ¬°;Gi¹f¬r¬°°"»|\\$ý2.0¬f¬rª°¶}¾÷«¬;A|ý_Ó¬ræf·|
·P¬V³n°D;CMA20·|ÂÐ»\Partition Table;A"Ã±N;nª°Partition
Table©ñ;b²Ä16Ói°i;C
±½¬r°t½X;GCD,12,33,D2,CD,13,0F,00,MA20

VIRUS Alarm 5

jeææÄÄÄ¾x¹a f-rif

f-r«-§O;G;» Boot;º File;º Trojan;º Windows
±`¾næè;ij;G;º UMB;º Video Ram;º Ram;» Top 4KB of Base Ram;º DOS
BUFFER
·P-V°i°;G;» Boot;» MBR;º Files
ææÂ_}i§;GINT 13h;AINT 14h;AINT 1Ch
·P-V³W«h;G;º;.EXE;º;.COM;º;.OVL;º;.BIN;ºNEW .EXE
-O§_Áô§i;G;» Yes;º No
f-rjæ-°;G`C¹j5æÄÄÄ°Ûæ@j,ºq;C
±½-r°t½X;GEB,3C,AA,E2,F8,C3,70,00,ALM5

VIRUS 1991

ie1991~f~rjf

~f~r<<~\$O;G;» Boot;° File;° Trojan;° Windows
•P~Vxjxp;G306 bytes
±`¾næè;ij;G;° UMB;° Video Ram;° Ram;» Top of Base Ram;° DOS
BUFFER
•P~V°İ°i;G;» Boot;» MBR;° Files
xxÂ_;i\$};GINT 13h;AINT 18h
•P~V³W<<h;G;°;~.EXE;°;~.COM;°;~.OVL;°;~.BIN;°NEW .EXE
•P~V¼Đ°O;G[12ch]=1991h
~O\$_Áô\$İ;G;° Yes;» No
~f~r|æ~°;G·|±NINT 13h½Æ»s`İINT 18h
±½~r°t½X;GCD,13,5A,05,50,CB,09,00,1991

VIRUS Birthday July 7

¡eαCαëαCαé¶Íαé~f~r¡f

- ~f~r«~§O¡G¡» Boot¡º File¡º Trojan¡º Windows
- P~Vαjαp¡G2560 bytes
- ±`¾nαè¡¡¡G¡º UMB¡º Video Ram¡º Ram¡» Top of Base Ram¡º DOS BUFFER
- P~Vºİº¡G¡» Boot¡» MBR¡º Files
- ααÂ_¡¡§}¡GINT 8h¡AINT 13h¡AINT 21h¡AINT 84h
- P~V³W«h¡G¡º¡.EXE¡º¡.COM¡º¡.OVL¡º¡.BIN¡ºNEW .EXE
- P~V¼ĐºO¡G5 bytes [3eh]=fa,b8,00,7c,8b
- ~O§_Áô§Í¡G¡» Yes¡º No
- ~f~r¡æ~º¡G1.¶}¾÷«á¡A`C¹j47αÀÄÁ·|¥Ñ¶Ã¼Æ`M©w¥X²{¥HαU¡æ~º¡G
 - .¥ªαW`α¥X²{α@ÓCLOCK
 - .¿Ã¹õα£º±º{Ã{
 - .!b¿Ã¹õαW¥X²{¥â¥ã²y
 - .μo¥Xα£³W«hμ@Ä
 - 2.`C|~7αë7αé·|ºÛ¥Íαé§Ö¼Öºq
 - 3.αZOPENα§ÀÉ®x,`äºÆÀÉ¡W«D.co?¡B.ex?¡B.ov?¡B.pr?«K·|
 - ¾D§Rº£¡A§Y_ê®ÆÀÉ·²ö¡W`ä§®α£`£¡C`Ã·|±NINT 13-
 - ¡¶¡αjÂ¼Æ»s`¡INT 83¡C
- ±½~rºt½X¡GA1,13,1E,56,FC,F3,11,00,JUL7

VIRUS Angelina

ie!wμX²ú®R~f~r;f

~f~r«~§O;G;» Boot;º File;º Trojan;º Windows
•P~Vxjxp;G330 bytes
±`¾næè;ij;G;º UMB;º Video Ram;º Ram;» Top of Base Ram;º DOS
BUFFER
•P~V°İ°;G;» Boot;» MBR;º Files
xxÂ_;i§};GINT 13h
•P~V³W«h;G;º;~.EXE;º;~.COM;º;~.OVL;º;~.BIN;ºNEW .EXE
•P~V¼Đ°O;Gword ptr[f0h]=c681h
~O§_ÁôŞİ;G;» Yes;º No
~f~r!æ~°;G±`¾n®É°O¾ĐÁéœÖ1K;C
~f~r°T®§;G~f~ræ³;ı³æU;Cæ§°T®§;Aıýæ£Åã²{¥X°Ó;C
Greetings for ANGELINA!!!
/by Garfield/Zielona
±½~r°t½X;G8E,DF,22,4B,75,FB,16,00,ANGL

VIRUS Parity

ie|P|)x, f-r|f

f-r«-§O;G;» Boot;° File;° Trojan;° Windows
•P-Vxjxp;G200h bytes
±`¾nxe;ij;G;° UMB;° Video Ram;° Ram;» Top of Base Ram;° DOS
BUFFER
•P-V°i°i;G;» Boot;° MBR;° Files
xxÂ_}i\$};GINT 13h;AINT 8h
•P-V³W«h;G;°; .EXE;°; .COM;°; .OVL;°; .BIN;° NEW .EXE
•P-V¼D°O;Gword ptr[1bch]=c9h
-O§_Áô§î;G;» Yes;° No
f-r|æ-°;G¶}¾÷ ®É;A·|ÀH¾÷²f¥ÍÁýBIOS PARITY
CHECK;|P|)x, Æ-d;^º¿ù»~;Ax@-ë±À
´úÀ³-°°ê¥~¶Ç¶i°Óº-f-r;C±`¾n®É;ú°O¾DÁé1K;A;b-f-rÀ¹
ÒxU«öCtrl;|Alt;|Del·x¶}¾÷«á;A±m;â;Ã¹õ·|
ÅÜ;°¶Á¥Ö;C°¶Í¥ÍDEBUG°IÄÜ®É;A¥ç·|³y|°·í¾÷;C
f-r°T®§;Gº©ó1;|p256º¾÷²v;A;Ã¹õ·|Åã¥ÜPARITY CHECK;|r¼Ë;C
±½-r°t½X;GA1,4C,FC,AA,75,01,40,00,PATY

VIRUS Type-Tick

ie^owμ^af-rif

f-r«-§O;Gi» Boot;° File;° Trojanv;° Windows
•P-Vxjxp;G255h bytes
±`¾næè;ij;Gi° UMB;° Video Ram;° Ram;» Top of Base Ram;° DOS
BUFFER
•P-V°i°i;Gi» Boot;° MBR;° Files
xâÂ_ì§};GINT 13h;AINT 1Ah;AINT 8h
•P-V³W«h;Gi°;°.EXE;°;°.COM;°;°.OVL;°;°.BIN;° NEW .EXE
•P-V¼D°O;Gword ptr[003fh]=fe01h
-O§_Áô§î;Gi° Yes;» No
f-r!æ-°;G^owμ^af-r-°¶}¾÷«-f-r;A!}xâ!¹f-r^{a01}q,£;A°Cæ^{a0}ç°
ç,¹|b«öÁä®É;A·|μo¥X^owμ^a;Axf^{a3/4}D^{a0}xH;AAÛ·|
¥H-°¹q,£¼W¥[xF·s¥\`à©O;|±`¾n®É;û°O¾DÁé2K;C
±½-r°t½X;G8E,D0,13,72,FE,CB,3C,00,TICK

VIRUS Dont Break

ie, TâîââÂ_îf

~f~r«~šO;G;» Boot;° File;° Trojan;° Windows
 •P~Vâjâp;G200h bytes
 ±`¾nâè;î;G;° UMB;° Video Ram;° Ram;» Top of Base Ram;° DOS
 BUFFER
 •P~V°î;G;» Boot;» MBR;° Files
 ââÂ_î;š;G;GINT 13h;AINT 10h
 •P~V³W«h;G;°;°.EXE;°;°.COM;°;°.OVL;°;°.BIN;° NEW .EXE
 ~Oš_Áôšî;G;° Yes;» No
 ~f~r;æ~;G, TâîââÂ_~f~r~°â@~}ÃââOâQ~°~â°~f~r;A¥un±z;îbââ~râ°¹q, £
 âWÁââ;Ctrl-Break;A;¹~f~r´N·|
 ¶}©IFORMATµw°Đ;A±`¾n®É;û°O¾¼ĐÁé1K;C
 ±½~r°t½X;GB8,01,9D,07,75,04,21,00,DBRK

VIRUS Random

ieAH^{3/4}÷ f-rif

f-r«-ſO;Gi» Boot;º File;º Trojan;º Windows

·P-Vxjxp;G200h bytes

±`¾næè;ij;Giº UMB;º Video Ram;º Ram;º Top of Base Ram;º DOS
BUFFER

·P-V°i°i;Gi» Boot;º MBR;º Files

xxÂ_;iſ};GINT 13h

·P-V³W«h;Giº; .EXE;º; .COM;º; .OVL;º; .BIN;º NEW .EXE

-Oſ_Áôſî;Giº Yes;º No

f-r;æ-º;Gi¹-r|

¥HÂY»èx|æè;ij;AAH^{3/4}÷¹i¥~¨Óºiæùſ@·P-V°Êſ@;A-ºæ@³æ-Â

æº¶}¾÷«-f-r;A±`¾n®É;ûºO¾ÐÁé1K;C

±½-r°t½X;G33,C0,00,02,FC,F3,2C,00,RDOM

VIRUS Anti-Exe

je°õ!æÅÉ«g~P~f~r;f

~f~r«~šO;G;» Boot;° File;° Trojan;° Windows
•P~Vxjxp;G100h bytes
±`¾næè;ij;G;° UMB;° Video Ram;° Ram;» Top of Base Ram;° DOS
BUFFER
•P~V°ĩ;G;» Boot;» MBR;° Files
xxÂ_;i\$};GINT 13h
•P~V³W«h;G;°;~.EXE;°;~.COM;°;~.OVL;°;~.BIN;°NEW .EXE
•P~V¼D°O;Gword ptr[0000h]=14e9h
~Oš_Áôšî;G;° Yes;» No
~f~r;æ~°;G±`¾n@É!û°O¾DÁé1K;Cxx
xx~r«á;A`C·í°õ!æ`ìµ{;j;xx°@e«e8½Xxx
xx³[4D,5A,40,00,88,01,37,0F]xxºº¥ôxx@½X;A\$Y·|
·í¾÷;C;]~°\$PÁ_;j;xx
xxºº«exG½X4D,5A~°xx@`ë*.EXEºº¶}ÀY;A©Ò¥H*.EXEºº·í¾÷²v·
|«D±`xj;A~G©R;W~°ANTI-EXE;C
±½~r°t½X;G31,2E,FC,F9,74,52,1E,00,AEXE

VIRUS V Show

ieV!rS!~f~r;f

- ~f~r<<~S0;G;» Boot;° File;° Trojan;° Windows
- P~Vxjxp;G200h bytes
- ±`¾næè;ij;G;° UMB;° Video Ram;° Ram;» Top of Base Ram;° DOS BUFFER
- P~V°İ°i;G;» Boot;» MBR;° Files
- xxÂ_;iS};GINT 13h
- P~V³W«h;G;°;~.EXE;°;~.COM;°;~.OVL;°;~.BIN;°NEW .EXE
- P~V¼D°O;Gword ptr[00d6h]=9876h
- ~OŞ_ÁôŞİ;G;° Yes;» No
- ~f~r;æ~°;G±`¾n@É·|;û°O¾DÁé2K;C·P~V°iæùY¶W¹L64æù;AŞY·|
|b;Ã¹õæW¥X²{æ@æjV;rŞİ;A``t²İ´N·í¾÷æF;C
- ~f~r°T®Ş;G



±½~r°t½X;G48,89,72,EA,E9,A6,15,00,VSHW

