Question 1
Direct method - 8 bits
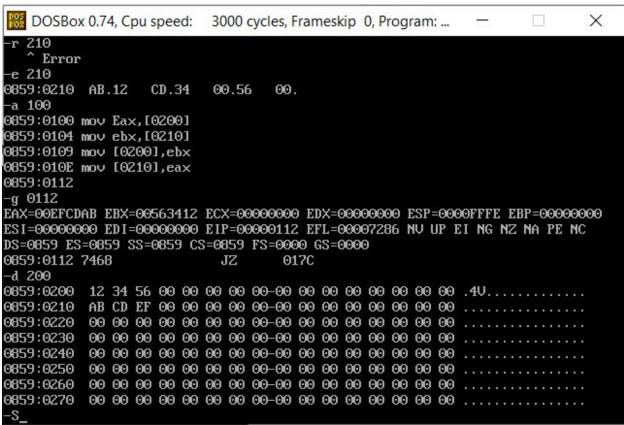
```
DOSBox 0.74, Cpu speed:    3000 cycles, Frameskip  0, Program: ...    —    □    ✕

E:\>debugx
-e 200
0859:0200  00.ab   00.
-e 210
0859:0210  00.cd   00.
-a 100
0859:0100 mov ax,[0200]
0859:0103 mov bx,[0210]
0859:0107 mov [0200],bx
0859:010B mov [0210],ax
0859:010E
-g 010E
AX=00AB BX=00CD CX=0000 DX=0000 SP=FFFE BP=0000 SI=0000 DI=0000
DS=0859 ES=0859 SS=0859 CS=0859 IP=010E NV UP EI NG NZ NA PE NC
0859:010E 20696E            AND     [BX+DI+6E],CH                  DS:013B=00
-d 200
0859:0200  CD 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ...............
0859:0210  AB 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ...............
0859:0220  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ...............
0859:0230  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ...............
0859:0240  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ...............
0859:0250  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ...............
0859:0260  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ...............
0859:0270  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ...............
-s_
```

Direct method - 16 bits part 1

```
DOSBox 0.74, Cpu speed:    3000 cycles, Frameskip  0, Program: ...    —    □    ✕

E:\>debugx
-e 200
0859:0200  CD.ab   00.cd   00.
-e 210
0859:0210  AB.12   00.34   00.
-a 100
0859:0100 mov ax,[0200]
0859:0103 mov bx,[0210]
0859:0107 mov [0200],bx
0859:010B mov [0210],ax
0859:010E
-g 010E
AX=CDAB BX=3412 CX=0000 DX=0000 SP=FFFE BP=0000 SI=0000 DI=0000
DS=0859 ES=0859 SS=0859 CS=0859 IP=010E NV UP EI NG NZ NA PE NC
0859:010E 20696E            AND     [BX+DI+6E],CH                  DS:3480=00
-d 100
0859:0100  A1 00 02 8B 1E 10 02 89-1E 00 02 A3 10 02 20 69   .............. i
0859:0110  6E 20 74 68 69 73 20 66-69 6C 65 2E 20 50 6C 65   n this file. Ple
0859:0120  61 73 65 20 64 6F 20 6E-6F 74 20 6F 70 65 6E 20   ase do not open
0859:0130  76 69 72 75 73 75 73 20-69 6E 20 00 68 69 73 20   virusus in .his
0859:0140  66 69 6C 65 2E 20 50 6C-65 61 73 65 20 64 6F 20   file. Please do
0859:0150  6E 6F 74 20 6F 70 65 6E-20 69 74 2E 20 00 00 00   not open it. ...
0859:0160  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ...............
0859:0170  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ...............
-s_
```

Part 2

```
DOSBox 0.74, Cpu speed:    3000 cycles, Frameskip  0, Program: ...    —    □    ✕

0859:010B mov [0210],ax
0859:010E
-g 010E
AX=CDAB BX=3412 CX=0000 DX=0000 SP=FFFE BP=0000 SI=0000 DI=0000
DS=0859 ES=0859 SS=0859 CS=0859 IP=010E NV UP EI NG NZ NA PE NC
0859:010E 20696E            AND     [BX+DI+6E],CH                  DS:3480=00
-d 100
0859:0100  A1 00 02 8B 1E 10 02 89-1E 00 02 A3 10 02 20 69   .............. i
0859:0110  6E 20 74 68 69 73 20 66-69 6C 65 2E 20 50 6C 65   n this file. Ple
0859:0120  61 73 65 20 64 6F 20 6E-6F 74 20 6F 70 65 6E 20   ase do not open
0859:0130  76 69 72 75 73 75 73 20-69 6E 20 00 68 69 73 20   virusus in .his
0859:0140  66 69 6C 65 2E 20 50 6C-65 61 73 65 20 64 6F 20   file. Please do
0859:0150  6E 6F 74 20 6F 70 65 6E-20 69 74 2E 20 00 00 00   not open it. ...
0859:0160  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ...............
0859:0170  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ...............
-d 200
0859:0200  12 34 00 00 00 00 00 00-00 00 00 00 00 00 00 00   .4.............
0859:0210  AB CD 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ...............
0859:0220  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ...............
0859:0230  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ...............
0859:0240  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ...............
0859:0250  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ...............
0859:0260  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ...............
0859:0270  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ...............
-s
```

Direct method 32 bits
Part 1


```
E:\>debugx
-rx
386 regs on
-e 200
0859:0200  12.ab   34.cd   00.ef   00.
-r 210
    ^ Error
-e 210
0859:0210  AB.12   CD.34   00.56   00.
-a 100
0859:0100 mov Eax,[0200]
0859:0104 mov ebx,[0210]
0859:0109 mov [0200],ebx
0859:010E mov [0210],eax
0859:0112
-g 0112
EAX=00EFCDAB EBX=00563412 ECX=00000000 EDX=00000000 ESP=0000FFFE EBP=00000000
ESI=00000000 EDI=00000000 EIP=00000112 EFL=00007286 NV UP EI NG NZ NA PE NC
DS=0859 ES=0859 SS=0859 CS=0859 FS=0000 GS=0000
0859:0112 7468                  JZ        017C
-S
```



```
-r 210
    ^ Error
-e 210
0859:0210  AB.12   CD.34   00.56   00.
-a 100
0859:0100 mov Eax,[0200]
0859:0104 mov ebx,[0210]
0859:0109 mov [0200],ebx
0859:010E mov [0210],eax
0859:0112
-g 0112
EAX=00EFCDAB EBX=00563412 ECX=00000000 EDX=00000000 ESP=0000FFFE EBP=00000000
ESI=00000000 EDI=00000000 EIP=00000112 EFL=00007286 NV UP EI NG NZ NA PE NC
DS=0859 ES=0859 SS=0859 CS=0859 FS=0000 GS=0000
0859:0112 7468                  JZ        017C
-d 200
0859:0200  12 34 56 00 00 00 00 00-00 00 00 00 00 00 00 00  .4V.............
0859:0210  AB CD EF 00 00 00 00 00-00 00 00 00 00 00 00 00  ................
0859:0220  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00  ................
0859:0230  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00  ................
0859:0240  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00  ................
0859:0250  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00  ................
0859:0260  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00  ................
0859:0270  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00  ................
-S_
```

Register Relative addressing
8 bits

```
DOSBox 0.74, Cpu speed:    3000 cycles, Frameskip 0, Program: ...   —   □   X

E:\>debugx
-e 200
0859:0200  12.ab   34.
-e 210
0859:0210  AB.12   CD.
-mov bp,0200
    ^ Error
-a 100
0859:0100 mov bp,200
0859:0103 mov al,[bp]
0859:0106 mov bl,[bp+10]
0859:0109 mov [bp],,bl
                 ^ Error
0859:0109 mov [bp],bl
0859:010C mov 10[bp],al
0859:010F
-g 010F
AX=00AB BX=0012 CX=0000 DX=0000 SP=FFFE BP=0200 SI=0000 DI=0000
DS=0859 ES=0859 SS=0859 CS=0859 IP=010F NV UP EI NG NZ NA PE NC
0859:010F A31002        MOV     [0210],AX              DS:0210=CDAB
-S_
```

```
DOSBox 0.74, Cpu speed:    3000 cycles, Frameskip 0, Program: ...   —   □   X

-mov bp,0200
    ^ Error
-a 100
0859:0100 mov bp,200
0859:0103 mov al,[bp]
0859:0106 mov bl,[bp+10]
0859:0109 mov [bp],,bl
                   ^ Error
0859:0109 mov [bp],bl
0859:010C mov 10[bp],al
0859:010F
-g 010F
AX=00AB BX=0012 CX=0000 DX=0000 SP=FFFE BP=0200 SI=0000 DI=0000
DS=0859 ES=0859 SS=0859 CS=0859 IP=010F NV UP EI NG NZ NA PE NC
0859:010F A31002        MOV     [0210],AX              DS:0210=CDAB
-d 200
0859:0200  12 34 56 00 00 00 00 00-00 00 00 00 00 00 00 00  .4V............
0859:0210  AB CD EF 00 00 00 00 00-00 00 00 00 00 00 00 00  ...............
0859:0220  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00  ...............
0859:0230  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00  ...............
0859:0240  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00  ...............
0859:0250  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00  ...............
0859:0260  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00  ...............
0859:0270  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00  ...............
-S_
```

16 bits

```
DOSBox 0.74, Cpu speed:    3000 cycles, Frameskip 0, Program: ...   —   □   X

-e 200
0859:0200   00.12   00.34   00.
-e 210
0859:0210   00.ab   00.cd   00.
-a 100
0859:0100 mov bp,0200
0859:0103 mov ax,[bp]
0859:0106 mov bx,10[bp]
0859:0109 mov [bp],bx
0859:010C mov 10[bp],ax
0859:010F
-g 010F
AX=3412 BX=CDAB CX=0000 DX=0000 SP=FFFE BP=0200 SI=0000 DI=0000
DS=0859 ES=0859 SS=0859 CS=0859 IP=010F NV UP EI NG NZ NA PE NC
0859:010F A31002           MOV     [0210],AX           DS:0210=3412
-d 200
0859:0200   AB CD 00 00 00 00 00 00-00 00 00 00 00 00 00 00  ...............
0859:0210   12 34 00 00 00 00 00 00-00 00 00 00 00 00 00 00  .4.............
0859:0220   00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00  ...............
0859:0230   00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00  ...............
0859:0240   00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00  ...............
0859:0250   00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00  ...............
0859:0260   00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00  ...............
0859:0270   00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00  ...............
-S_
```

32 bits

```
DOSBox 0.74, Cpu speed:    3000 cycles, Frameskip  0, Program: ...    —    □    ✕

-w 210
Cannot write: no file name given
-e 210
0859:0210  12.09    34.87    00.76    00.65    00.54    00.
-a 100
0859:0100 mov bp,200
0859:0103 mov eax,[bp]
0859:0107 mov ebx,10[bp]
0859:010B mov [bp],ebx
0859:010F mov 10[bp],eax
0859:0113
-g 0113
AX=3412 BX=8709 CX=0000 DX=0000 SP=FFFE BP=0200 SI=0000 DI=0000
DS=0859 ES=0859 SS=0859 CS=0859 IP=0113 NV UP EI NG NZ NA PE NC
0859:0113 686973              PUSH     WORD 7369
-d 200
0859:0200   09 87 76 65 00 00 00 00-00 00 00 00 00 00 00 00   ..ve............
0859:0210   12 34 56 78 54 00 00 00-00 00 00 00 00 00 00 00   .4Vx T..........
0859:0220   00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ................
0859:0230   00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ................
0859:0240   00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ................
0859:0250   00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ................
0859:0260   00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ................
0859:0270   00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ................
-S_
```

Base indexed:
32 bits

```
DOSBox 0.74, Cpu speed:    3000 cycles, Frameskip  0, Program: ...    —    □    ✕

-e 210
072A:0210  30.09    01.87    2B.76    01.65    2A.
-a 100
072A:0100 mov bp.200
                ^ Error
072A:0100 mov si,0
072A:0103 mov al,10[bp+si]
072A:0106 mov bl,[bp+si]
072A:0108 mov [bp+si],al
072A:010A mov 10[bp+si],bl
072A:010D
-g 0110
AX=0018 BX=00CD CX=0000 DX=0000 SP=FFFE BP=0000 SI=0000 DI=0000
DS=072A ES=072A SS=072A CS=072A IP=0110 NV UP EI PL NZ NA PE NC
072A:0110 0000              ADD      [BX+SI],AL                    DS:00CD=00
-d 200
072A:0200   12 34 56 78 ED 02 90 02-91 02 E1 02 31 01 E0 02   .4Vx........1...
072A:0210   09 87 76 65 2A 01 09 01-01 01 08 00 09 00 0B 01   ..ve*...........
072A:0220   03 01 18 00 19 00 0D 01-05 01 28 00 29 00 A0 02   ..........(.)...
072A:0230   A1 02 86 00 87 00 0E 01-06 01 30 00 31 00 00 01   ..........0.1...
072A:0240   04 07 0A 0D 10 13 16 19-1B 1E 21 23 25 27 29 2B   ..........!#%')+
072A:0250   2D 30 32 34 37 3A 3E 40-42 44 46 49 4B 4D 51 55   -0247:>@BDFIKMQU
072A:0260   59 5D 60 63 65 67 69 6B-6D 70 73 76 79 7C 7F 83   Y]`cegikmpsvy|..
072A:0270   87 8A 8D 8F 92 95 98 9B-9E A0 A2 A6 AA AD B0 B2   ................
-S
```

16 bits

```
DOSBox 0.74, Cpu speed:    3000 cycles, Frameskip  0, Program: ...    —    □    ✕
072A:0106 mov ax,[bp+si]
072A:010B mov bx,10[bp+si]
072A:010B mov [bp+si],bx
072A:010D mov 10[bp+si],ax
072A:0110 g 110
          ^ Error
072A:0110
-g 100
AX=0000 BX=0000 CX=0000 DX=0000 SP=FFFE BP=0000 SI=0000 DI=0000
DS=072A ES=072A SS=072A CS=072A IP=0100 NV UP EI NG NZ NA PO NC
072A:0100 BD0002              MOV      BP,0200
-g 110
AX=0201 BX=0403 CX=0000 DX=0000 SP=FFFE BP=0200 SI=0000 DI=0000
DS=072A ES=072A SS=072A CS=072A IP=0110 NV UP EI NG NZ NA PO NC
072A:0110 0000              ADD      [BX+SI],AL              DS:0403=00
-d 200
072A:0200  03 04 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ................
072A:0210  01 02 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ................
072A:0220  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ................
072A:0230  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ................
072A:0240  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ................
072A:0250  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ................
072A:0260  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ................
072A:0270  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ................
-S
```

8 bits

Part 1

```
DOSBox 0.74, Cpu speed:    3000 cycles, Frameskip  0, Program: ...    —    □    ✕
AX=0201 BX=0403 CX=0000 DX=0000 SP=FFFE BP=0200 SI=0000 DI=0000
DS=072A ES=072A SS=072A CS=072A IP=0110 NV UP EI NG NZ NA PO NC
072A:0110 0000              ADD      [BX+SI],AL              DS:0403=00
-d 200
072A:0200  03 04 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ................
072A:0210  01 02 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ................
072A:0220  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ................
072A:0230  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ................
072A:0240  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ................
072A:0250  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ................
072A:0260  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ................
072A:0270  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ................
-a 100
072A:0100 mov bp,200
072A:0103 mov si,0
072A:0106 mov al,[bp+si]
072A:0108 mov bl,10[bp+si]
072A:010B mov 10[bp+si],al
072A:010E mov [bp+si],bl
072A:0110
-g 110
AX=0201 BX=0403 CX=0000 DX=0000 SP=FFFE BP=0200 SI=0000 DI=0000
DS=072A ES=072A SS=072A CS=072A IP=0110 NV UP EI NG NZ NA PO NC
072A:0110 0000              ADD      [BX+SI],AL              DS:0403=00
-d S
```

Part 2

```
DOSBox 0.74, Cpu speed:    3000 cycles, Frameskip  0, Program: ...    —    □    ✕
072A:0250  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ................
072A:0260  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ................
072A:0270  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ................
-a 100
072A:0100 mov bp,200
072A:0103 mov si,0
072A:0106 mov al,[bp+si]
072A:0108 mov bl,10[bp+si]
072A:010B mov 10[bp+si],al
072A:010E mov [bp+si],bl
072A:0110
-g 110
AX=0201 BX=0403 CX=0000 DX=0000 SP=FFFE BP=0200 SI=0000 DI=0000
DS=072A ES=072A SS=072A CS=072A IP=0110 NV UP EI NG NZ NA PO NC
072A:0110 0000              ADD      [BX+SI],AL              DS:0403=00
-d 200
072A:0200  03 04 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ................
072A:0210  01 02 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ................
072A:0220  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ................
072A:0230  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ................
072A:0240  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ................
072A:0250  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ................
072A:0260  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ................
072A:0270  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ................
-S
```

Task 2

```
E:\>debugx
-N DontOpen.txt
-L 100
-D 100
0859:0100   54 68 65 72 65 20 69 73-20 76 69 72 75 73 20 69  There is virus i
0859:0110   6E 20 74 68 69 73 20 66-69 6C 65 2E 20 50 6C 65  n this file. Ple
0859:0120   61 73 65 20 64 6F 20 6E-6F 74 20 6F 70 65 6E 20  ase do not open
0859:0130   69 74 2E 20 00 00 00 00-00 00 00 00 00 00 00 00  it. ............
0859:0140   00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00  ................
0859:0150   00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00  ................
0859:0160   00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00  ................
0859:0170   00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00  ................
-S 100 1000 "virus"
0859:0109
-_
```
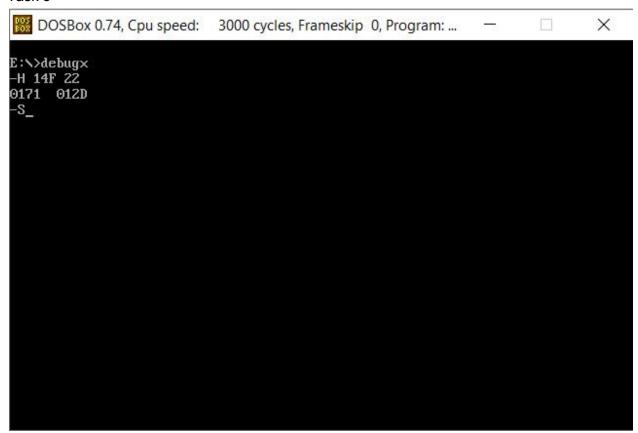
Task 3

DOSBox 0.74, Cpu speed: 3000 cycles, Frameskip 0, Program: ...

```
D:\BIN>debugx
-e 200
0859:0200   00.ab    00.cd    00.
-a 100
0859:0100 mov ax,[0200]
0859:0103 mov bx,[0200]
0859:0107 mov cx,[0200]
0859:010B mov dx,[0200]
0859:010F mov si,[0200]
0859:0113 mov di,[0200]
0859:0117
-N d;\new file.com
-r bx 0
-r cx 100
-w 100
Writing 0100 bytes
-
```

Task 4

```
DOSBox 0.74, Cpu speed:    3000 cycles, Frameskip  0, Program: ...    —    □    ✕

E:\>debugx
-N DontOpen.txt
-l 100
-d 100
0859:0100  54 68 65 72 65 20 69 73-20 76 69 72 75 73 20 69   There is virus i
0859:0110  6E 20 74 68 69 73 20 66-69 6C 65 2E 20 50 6C 65   n this file. Ple
0859:0120  61 73 65 20 64 6F 20 6E-6F 74 20 6F 70 65 6E 20   ase do not open
0859:0130  69 74 2E 20 72 75 73 20-69 6E 20 74 68 69 73 20   it. rus in this
0859:0140  66 69 6C 65 2E 20 50 6C-65 61 73 65 20 64 6F 20   file. Please do
0859:0150  6E 6F 74 20 6F 70 65 6E-20 69 74 2E 20 00 00 00   not open it. ...
0859:0160  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ................
0859:0170  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ................
-M 0109 L 5 0130
-d 100
0859:0100  54 68 65 72 65 20 69 73-20 76 69 72 75 73 20 69   There is virus i
0859:0110  6E 20 74 68 69 73 20 66-69 6C 65 2E 20 50 6C 65   n this file. Ple
0859:0120  61 73 65 20 64 6F 20 6E-6F 74 20 6F 70 65 6E 20   ase do not open
0859:0130  76 69 72 75 73 75 73 20-69 6E 20 74 68 69 73 20   virusus in this
0859:0140  66 69 6C 65 2E 20 50 6C-65 61 73 65 20 64 6F 20   file. Please do
0859:0150  6E 6F 74 20 6F 70 65 6E-20 69 74 2E 20 00 00 00   not open it. ...
0859:0160  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ................
0859:0170  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00   ................
-S
```

Task 5

```
DOSBox 0.74, Cpu speed:    3000 cycles, Frameskip  0, Program: ...    —    □    ✕

E:\>debugx
-H 14F 22
0171   012D
-S_
```

Task 6


```
DOSBox 0.74, Cpu speed:    3000 cycles, Frameskip  0, Program: ...        —    □    ✕

E:\>debugx
-F 0210 L 17 "H"
-d 0210
0859:0210  48 48 48 48 48 48 48 48-48 48 48 48 48 48 48 48  HHHHHHHHHHHHHHHH
0859:0220  48 48 48 48 48 48 48 00-00 00 00 00 00 00 00 00  HHHHHHH.........
0859:0230  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00  ................
0859:0240  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00  ................
0859:0250  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00  ................
0859:0260  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00  ................
0859:0270  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00  ................
0859:0280  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00  ................
-_
```