```
TITLE    A04ASM2  (EXE)  Move and add operations
;---------------------------------------------------------------------------
              .MODEL   SMALL
              .STACK    64                  ;define stack
              .DATA                         ;define data
FLDD  DW  215
FLDE  DW  125
FLDF  DW   ?
;---------------------------------------------------------------------------
              .CODE                         ;define code segment
MAIN    PROC   FAR
              MOV     AX, @data     ;set address of data
              MOV     DS, AX        ;    segment in DS
              mov     al,40h
              shl     al,1
              mov     bl,1ah
              mul     bl
              MOV     AX, 4C00H     ;end processing
              INT       21H
MAIN    ENDP                               ;end of procedure
              END   MAIN                    ;end of program
```

DOSBox 0.74-3, Cpu speed: 3000 cycles, Frameskip 0, Pro...   —   □   ✕

```
List File [nul.map]: NUL
Libraries [.lib]:
Definitions File [nul.def]:

C:\BIN>debug
-q

C:\BIN>debug a04asm.exe
-r
AX=FFFF BX=0000 CX=0018 DX=0000 SP=0040 BP=0000 SI=0000 DI=0000
DS=0734 ES=0734 SS=0746 CS=0744 IP=0000 NV UP EI PL ZR NA PE NC
0744:0000 B84507             MOV    AX,0745
-t
AX=0745 BX=0000 CX=0018 DX=0000 SP=0040 BP=0000 SI=0000 DI=0000
DS=0734 ES=0734 SS=0746 CS=0744 IP=0003 NV UP EI PL ZR NA PE NC
0744:0003 8ED8               MOV    DS,AX
-t
AX=0745 BX=0000 CX=0018 DX=0000 SP=0040 BP=0000 SI=0000 DI=0000
DS=0745 ES=0734 SS=0746 CS=0744 IP=0005 NV UP EI PL ZR NA PE NC
0744:0005 B040               MOV    AL,40
-t
AX=0740 BX=0000 CX=0018 DX=0000 SP=0040 BP=0000 SI=0000 DI=0000
DS=0745 ES=0734 SS=0746 CS=0744 IP=0007 NV UP EI PL ZR NA PE NC
0744:0007 D0E0               SHL    AL,1
-S
```

```
-t
AX=0780 BX=0000 CX=0018 DX=0000 SP=0040 BP=0000 SI=0000 DI=0000
DS=0745 ES=0734 SS=0746 CS=0744 IP=0009 OV UP EI NG NZ AC PO NC
0744:0009 B31A               MOV    BL,1A
-t
AX=0780 BX=001A CX=0018 DX=0000 SP=0040 BP=0000 SI=0000 DI=0000
DS=0745 ES=0734 SS=0746 CS=0744 IP=000B OV UP EI NG NZ AC PO NC
0744:000B F6E3               MUL    BL
-t
AX=0D00 BX=001A CX=0018 DX=0000 SP=0040 BP=0000 SI=0000 DI=0000
DS=0745 ES=0734 SS=0746 CS=0744 IP=000D OV UP EI NG ZR AC PO CY
0744:000D B8004C             MOV    AX,4C00
-t
AX=4C00 BX=001A CX=0018 DX=0000 SP=0040 BP=0000 SI=0000 DI=0000
DS=0745 ES=0734 SS=0746 CS=0744 IP=0010 OV UP EI NG ZR AC PO CY
0744:0010 CD21               INT     21
```