



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



File Edit Search View Options Help

C:\MASM\A1.ASM

```
.model small
.data
a dw 245h
b dw 25h
c dw 34h
d dw 50h
r1 dw ?
quo dw ?
rem dw ?

.code

    mov ax,@data
    mov ds,ax

    mov ax,a
    add ax,b
    mov r1,ax
    mov ax,c
    add ax,d
    mul r1
    mov bx,b
    add bx,d
```

F1=Help

Line:22

Col:17

```
quo dw ?  
rem dw ?
```

```
.code
```

```
    mov ax,@data  
    mov ds,ax
```

```
    mov ax,a  
    add ax,b  
    mov r1,ax  
    mov ax,c  
    add ax,d  
    mul r1  
    mov bx,b  
    add bx,d  
    div bx  
    mov quo,ax  
    mov rem,dx  
    mov ah,4ch  
    int 21h  
    end    -
```

DOS
BOX

DOSBox 0.74, Cpu speed: max 100% cycles, Frameskip 0, Program: CV

File Edit View Search Run Watch Options Calls Help

•

•

local

↑

•

•

source1 CS:IP (ACTIVE)

↑

052A:0000 B82D05 MOV AX,052D

052A:0003 8ED8 MOV DS,AX

052A:0005 A10000 MOV AX,Word Ptr [0000]

052A:0008 03060200 ADD AX,Word Ptr [0002]

052A:000C A30800 MOV Word Ptr [0008],AX

052A:000F A10400 MOV AX,Word Ptr [0004]

052A:0012 03060600 ADD AX,Word Ptr [0006]

052A:0016 F7260800 MUL Word Ptr [0008]

052A:001A 8B1E0200 MOV BX,Word Ptr [0002]

052A:001E 031E0600 ADD BX,Word Ptr [0006]

052A:0022 F7F3 DIV BX

052A:0024 A30A00 MOV Word Ptr [000A],AX

052A:0027 89160C00 MOV Word Ptr [000C],DX

052A:002B B44C MOV AH,4C

052A:002D CD21 INT 21

052A:002F 004502 ADD Byte Ptr [DI+02],AL

•

•

command

↑

052D:0000 45 02 25 00 34 00 50 00-00 00 00 00 00 00 01 20 E.%.4↑

052D:0010 00 06 8E 06 E4 01 26 8B-16 2C 00 E8 7B 02 B7 92↑

>

AX = 4CB9

BX = 0075

CX = 0000

DX = 001B

SP = 0000

BP = 0000

SI = 0000

DI = 0000

DS = 052D

ES = 051A

SS = 0529

CS = 052A

IP = 002F

FL = 0200

NV UP EI PL

NZ NA PO NC

DS:0002

25

<F8=Trace> <F10=Step> <F5=Go> <F6=Window> <F3=Display>