

.model small

.data

a db 10h

b db 15h

c dw ?

.code

mov ax,@data

mov ds,ax

mov al,a

mul b

mov c,al

mov ah,4ch

int 21h

end

The screenshot shows a DOS assembly debugger window with the following sections:

- File Edit View Search Run Watch Options Calls Help** (Menu bar)
- local** (Tab)
- source1 CS:IP (ACTIVE)** (Source code window):
 - 052A:0000 B82B05 MOV AX,052B
 - 052A:0003 8ED8 MOV DS,AX
 - 052A:0005 A00400 MOV AL,Byte Ptr [0004]
 - 052A:0008 F6260500 MUL Byte Ptr [0005]
 - 052A:000C A20600 MOV Byte Ptr [0006],AL
 - 052A:000F B44C MOV AH,4C
 - 052A:0011 CD21 INT 21
 - 052A:0013 0010 ADD Byte Ptr [BX+SI],DL
 - 052A:0015 150000 ADC AX,0000
 - 052A:0018 02BCDAE8 ADD CL,Byte Ptr [SI-1726]
 - 052A:001C AB STOSW
 - 052A:001D 02B792B9 ADD DH,Byte Ptr [BX-466E]
 - 052A:0021 FFFF ??? DI
- memory1 byte DS:0000 (ACTIVE)** (Memory window):
 - 051A:0000 CD 20 FF 9F 00 EA FF FF AD DE 6C 02 CD 03 32 03
 - 051A:0010 CD 03 4B 0A CD 03 FF 04 01 01 01 00 02 03 FF FF ..K....
 - 051A:0020 FF FF FF FF FF FF FF FF FF FF FF FF 10 05 72 22
- command** (Command window):
 - 051A:0000 CD 20 FF 9F 00 EA FF FF AD DE 6C 02 CD 03 32 03
 - >s_
- reg** (Registers window):
 - AX = 052B
 - BX = 0000
 - CX = 0000
 - DX = 0000
 - SP = 0000
 - BP = 0000
 - SI = 0000
 - DI = 0000
 - DS = 051A
 - ES = 051A
 - SS = 0529
 - CS = 052A
 - IP = 0003
 - FL = 0202
- NU UP EI PL NZ NA PO NC** (Status flags)
- <F8=Trace> <F10=Step> <F5=Go> <F6=Window> <F3=Display>** (Footer)