

```
.model small
.data
a db 20h
b db 10h
c db ?
.code
    mov ax,@data
    mov ds,ax
    mov al,a
    sub al,b
    mov c,al
    mov ah,4ch
    int 21h
end
```

DOS  
BOX

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

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FileEditViewSearchRunWatchOptionsCalls

Help

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local

source1 CS:IP (ACTIVE)

052A:0000 B82B05

MOV

AX,052B

052A:0003 8ED8

MOV

DS,AX

052A:0005 A00400

MOV

AL,Byte Ptr [0004]

052A:0008 2A060500

SUB

AL,Byte Ptr [0005]

052A:000C A20600

MOV

Byte Ptr [0006],AL

052A:000F B44C

MOV

AH,4C

052A:0011 CD21

INT

21

052A:0013 0020

ADD

Byte Ptr [BX+SI],AH

052A:0015 1000

ADC

Byte Ptr [BX+SI],AL

052A:0017 B9028C

MOV

CX,8C02

052A:001A DAE8

???

052A:001C AB

STOSW

052A:001D 02B792B9

ADD

DH,Byte Ptr [BX-466E]

052A:0021 FFFF

???

DI

052A:0023 B84800

MOV

AX,0048

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command

052B:0000 4C CD 21 00 20 10 00 B9-02 8C DA E8 AB 02 B7 92 L.†. .

052B:0010 B9 FF FF B8 48 00 E8 A9-02 8B 16 E4 01 E8 99 02 ....H.

>

reg

AX = 4C10

BX = 0000

CX = 0000

DX = 0000

SP = 0000

BP = 0000

SI = 0000

DI = 0000

DS = 052B

ES = 051A

SS = 0529

CS = 052A

IP = 0013

FL = 0200

NU UP EI PL

NZ NA PO NC

DS:0000

4C

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