

```
model small
data
a db 5
b db 10
c db ?
code
mov AX,@data
mov DS,AX
mov AL,a
add AL,b
mov C,AL
mov AH,4CH
int 21H
end
```

Source CS:IP (ACTIVE)					
052A:0000	B82B05	MOV	AX,052B	AX = 050F	
052A:0003	8ED8	MOV	DS,AX	BX = 0000	
052A:0005	A00400	MOV	AL,Byte Ptr [0004]	CX = 0000	
052A:0008	02060500	ADD	AL,Byte Ptr [0005]	DX = 0000	
052A:000C	A20600	MOV	Byte Ptr [0006],AL	SP = 0000	
052A:000F	B14C	MOV	AH,4C	BP = 0000	
052A:0011	CD21	INT	21	SI = 0000	
052A:0013	0005	ADD	Byte Ptr [DI],AL	DI = 0000	
052A:0015	0A0F	OR	CL,Byte Ptr [BX]	DS = 052B	
052A:0017	B902BC	MOV	CX,0002	ES = 051A	
052A:001A	DAEB	???		SS = 0529	
052A:001C	AB	STD SW		CS = 052A	
052A:001D	02B792B9	ADD	DH,Byte Ptr [BX-466E]	IP = 000F	
052A:0021	FFFF	???	DI	FL = 0206	
052A:0023	B84B00	MOV	AX,004B		
052A:0026	E8A902	CALL	02D2		
command					
052B:0000	4C CD 21 00 05 0A 0F B9-02 BC DA E8 AB 02 B7 92	L...H			
052B:0010	B9 FF FF BB 4B 00 E8 A9-02 BB 16 E4 01 E8 99 02H			
[F10=Step] [F5=Go] [F6=Window] [F3=Display]					

<F1=Trace> <F10=Step> <F5=Go> <F6=Window> <F3=Display>

DOSBox Sta

DOSBox 0.74-3, Cpu speed: 3000 cycles

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C:\B086

.model small

.data

a dw 1234

b dw 6789

c dw ?

.code

mov AX,@data

mov DS,AX

mov AX,a

add AX,b

mov c,AX

mov AH,4CH

mov 21H

end


```
model small
data
    db 5
    db 15
    db 20
    db 10
    db ?
code
    mov AX,@data
    mov DS,AX
    mov AL,a
    add AL,b
    add AL,c
    add AL,d
    mov a,AL
    mov AH,4CH
    int 21H
end
```

052A:0000	B82B05	MOV	AX,052B	AX = 052B
052A:0003	8ED8	MOV	DS,AX	DS = 052B
052A:0005	A00C00	MOV	AL,Byte Ptr [000C]	AL = 0000
052A:0008	02060D00	ADD	AL,Byte Ptr [000D]	SP = 0000
052A:000C	02060E00	ADD	AL,Byte Ptr [000E]	BP = 0000
052A:0010	02060F00	ADD	AL,Byte Ptr [000F]	SI = 0000
052A:0014	A20C00	MOV	Byte Ptr [000C],AL	DI = 0000
052A:0017	B44C	MOV	AH,4C	DS = 052B
052A:0019	CD21	INT	21	ES = 051A
052A:001B	0032	ADD	Byte Ptr [BP+SI],DH	SS = 0529
052A:001D	0F14	???		CS = 052A
052A:001F	0A00	OR	AL,Byte Ptr [BX+SI]	IP = 0017
052A:0021	FFFF	???	DI	FL = 0212
052A:0023	B84800	MOV	AX,0048	
052A:0026	E8A902	CALL	02D2	HU UP EI PL
052A:0029	BB16E401	MOV	DX,Word Ptr [01E4]	MC AC PD MC
command				
052B:0000	02 06 0F 00 A2 0C 00 B4-4C CD 21 00 32 0F 14 0A		
052B:0010	00 FF FF B8 48 00 E8 A9-02 BB 16 E4 01 EB 99 02H		

<F2=Window> <F3=Display>