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C:\MASMA1.ASM

```
.model small
.data
a db 30
b db 10
c db ?
.code
mov ax,0data
mov ds,ax
mov al,a
add al,b
mov c,al
mov ah,4ch
int 21h
end
```


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Help

local

source1 CS:IP (ACTIVE)

Address	Hex	Assembly	Comment
052A:0000	BB2B05	MOV	AX,052B
052A:0003	8ED8	MOV	DS,AX
052A:0005	A00400	MOV	AL,Byte Ptr [0004]
052A:0008	02060500	ADD	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	001E0A00	ADD	Byte Ptr [000A],BL
052A:0017	B9028C	MOV	CX,8C02
052A:001A	DAEB	???	

command

Address	Hex	Assembly	Comment
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 00 02 03 FF FF	..K..
051A:0020	FF FF FF FF FF FF FF	FF FF FF 10 05 00 00	.....
051A:0030	00 00 14 00 18 00 1A 05	FF FF FF 00 00 00 00	.....
051A:0040	05 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00	.....
051A:0050	CD 21 CB 00 00 00 00 00	00 00 00 00 00 00 00 00	!...
051A:0060	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00	.....
051A:0070	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00	.....

reg	value
AX	= 0000
BX	= 0000
CX	= 0000
DX	= 0000
SP	= 0000
BP	= 0000
SI	= 0000
DI	= 0000
DS	= 051A
ES	= 051A
SS	= 0529
CS	= 052A
IP	= 0000
FL	= 0200

NU	UP	EI	PL
NZ	NA	PO	NC

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C:\MASMA2.ASM

```
.model small
.data
a dw 1230
b dw 34
c dw ?
.code
    mov ax,@data
    mov ds,ax
    mov ax,a
    add ax,b
    mov c,ax
    mov ah,4ch
    int 21h
end
```


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Help

local

source1 CS:IP (ACTIVE)

Address	Hex	Op	Operand
052A:0000	B82B05	MOV	AX,052B
052A:0003	8ED8	MOV	DS,AX
052A:0005	A10400	MOV	AX,Word Ptr [0004]
052A:0008	03060600	ADD	AX,Word Ptr [0006]
052A:000C	A30800	MOV	Word Ptr [0008],AX
052A:000F	B44C	MOV	AH,4C
052A:0011	CD21	INT	21
052A:0013	00CE	ADD	DH,CL
052A:0015	0422	ADD	AL,22
052A:0017	0000	ADD	Byte Ptr [BX+SI],AL

command

Address	Hex	Op	Operand	Comment
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 00 02 03 FF FF	..K..	
051A:0020	FF FF FF FF FF FF FF FF	FF FF FF 10 05 00 00	.....
051A:0030	00 00 14 00 18 00 1A 05	FF FF FF 00 00 00 00	.....
051A:0040	05 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00	.....
051A:0050	CD 21 CB 00 00 00 00 00	00 00 00 00 00 00 00 00	..!...	
051A:0060	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00	.....
051A:0070	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00	.....

reg	value
AX	= 0000
BX	= 0000
CX	= 0000
DX	= 0000
SP	= 0000
BP	= 0000
SI	= 0000
DI	= 0000
DS	= 051A
ES	= 051A
SS	= 0529
CS	= 052A
IP	= 0000
FL	= 0200

NU	UP	EI	PL
NZ	NA	PO	NC