

```

File Edit Search View Options Help
C:\MASM\ADD1.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

```

Commands for manipulating files

File Edit View Search Run Watch Options Calls Help			
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	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	???	
052A:001C	AB	STOSW	
052A:001D	02B792B9	ADD	DH,Byte Ptr [BX-456E]
052A:0021	FFFF	???	DI
052A:0023	B84800	MOV	AX,0048
052A:0026	E8A902	CALL	02D2
command			
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...	
>			

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

```

File Edit Search View Options Help
C:\MASM\ADD2.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

Commands for manipulating files

```

File Edit View Search Run Watch Options Calls Help			
		local	
source1		CS:IP (ACTIVE)	
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
052A:0019	00DA	ADD	DL,BL
052A:001B	E8AB02	CALL	02C9
052A:001E	B792	MOV	BH,92
052A:0020	B9FFFF	MOV	CX,FFFF
052A:0023	B84800	MOV	AX,0048
052A:0026	E8A902	CALL	02D2
		command	
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..	
>			
<div> <div>AX = 0000</div> <div>BX = 0000</div> <div>CX = 0000</div> <div>DX = 0000</div> <div>SP = 0000</div> <div>BP = 0000</div> <div>SI = 0000</div> <div>DI = 0000</div> <div>DS = 051A</div> <div>ES = 051A</div> <div>SS = 0529</div> <div>CS = 052A</div> <div>IP = 0000</div> <div>FL = 0200</div> </div> <div> <div>NU UP EI PL</div> <div>NZ NA PO NC</div> </div>			
<div><F8=Trace> <F10=Step> <F5=Go> <F6=Window> <F3=Display> <ESC=Cancel></div>			