

EXPRESION1 : $a+b-c+d$

```
exp1.asm - Notepad
File Edit Format View Help
.model small
.data
a dw 1200
b dw 2345
c dw 50
d dw 100
e dw ?
.code

mov ax,@data
mov ds,ax
mov ax,a
add ax,b
sub ax,c
add ax,d

mov e,ax
mov ah,4ch
int 21h
end
```

```
DOSBox Status Window
DOSBox 0.74-3, Cpu speed: 3000 cycles, Frameskip 0, Program: EDIT
File Edit Search View Options Help
C:\MSM\EXP1.ASM
.model small
.data
a dw 1200
b dw 2345
c dw 50
d dw 100
e dw ?
.code

mov ax,@data
mov ds,ax
mov ax,a
add ax,b
sub ax,c
add ax,d

mov e,ax
mov ah,4ch
int 21h
end
F1=Help Line:1 Col:1
```

```
DOSBox Status Window
DOSBox 0.74-3, Cpu speed: max 100% cycles, Frameskip 0, Program: CV
File Edit View Search Run Watch Options Calls
local
source1 CS:IP (ACTIVE)
052A:0000 B82B05 MDU AX,052B
052A:0003 ED08 MDU DS,AX
052A:0005 A10C00 MDU AX,Word Ptr [000C]
052A:0008 03060E00 ADD AX,Word Ptr [000E]
052A:000C 2B061000 SUB AX,Word Ptr [0010]
052A:0010 03061200 ADD AX,Word Ptr [0012]
052A:0014 A31400 MDU Word Ptr [0014],AX
052A:0017 B44C MDU AH,4C
052A:0019 CD21 INT 21
052A:001B 0EB00429 ADD Byte Ptr [BX+SI+29041],DH
052A:001F 0932 OR Word Ptr [BP+SI],SI
052A:0021 006400 ADD Byte Ptr [SI+00],AH
052A:0024 0B0EE0A9 OR CX,Word Ptr [A9EB]
052A:0026 E8A902 CALL 02D2
052A:0029 8B16E401 MDU BX,Word Ptr [01E4]
052A:002D EB9902 CALL 02C9
reg
AX = 400B
BX = 0000
CX = 0000
DX = 0000
SP = 0000
BP = 0000
SI = 0000
DI = 0000
DS = 052B
ES = 051A
SS = 0529
CS = 052A
IP = 001B
FL = 0202
MU UP EI PL
NZ NA PO NC
Command
052B:0000 03 06 12 00 A3 14 00 B4-4C CD 21 00 B0 04 29 09 .....
052B:0010 32 00 64 00 0B 0E EB A9-02 0B 16 E4 01 E0 99 02 2.d...
>
F8=Trace <F10=Step> <F5=Go> <F6=Window> <F3=Display>
```