



File Edit Search View Options Help

C:\ADDOF28B.ASM

;Addition2 8 bit numbers

assume cs:code,ds:data

data segment

num1 db 23H

num2 db 03H

data ends

code segment

start: mov ax,data

mov ds,ax

mov al,num1

mov bl,num2

add al,bl

int 3h

code ends

end start



Z:\>C:

C:\>EDIT

C:\>EDIT

C:\>masm ADDOF28B.asm,,;

Microsoft (R) Macro Assembler Version 5.00

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51188 + 465356 Bytes symbol space free

0 Warning Errors

0 Severe Errors

C:\>link ADDOF28B.obj,,;

Microsoft (R) Overlay Linker Version 3.60

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LINK : warning L4021: no stack segment

C:\>_



LINK : warning L4021: no stack segment

C:\>debug ADDOF28B.exe

-t

AX=076A BX=0000 CX=001F DX=0000 SP=0000 BP=0000 SI=0000 DI=0000
DS=075A ES=075A SS=0769 CS=076B IP=0003 NU UP EI PL NZ NA PO NC
076B:0003 8ED8 MOV DS,AX

-t

AX=076A BX=0000 CX=001F DX=0000 SP=0000 BP=0000 SI=0000 DI=0000
DS=076A ES=075A SS=0769 CS=076B IP=0005 NU UP EI PL NZ NA PO NC
076B:0005 A00000 MOV AL,[0000] DS:0000=23

-t

AX=0723 BX=0000 CX=001F DX=0000 SP=0000 BP=0000 SI=0000 DI=0000
DS=076A ES=075A SS=0769 CS=076B IP=0008 NU UP EI PL NZ NA PO NC
076B:0008 8A1E0100 MOV BL,[0001] DS:0001=03

-t

AX=0723 BX=0003 CX=001F DX=0000 SP=0000 BP=0000 SI=0000 DI=0000
DS=076A ES=075A SS=0769 CS=076B IP=000C NU UP EI PL NZ NA PO NC
076B:000C 02C3 ADD AL,BL

-

DS=076A ES=075A SS=0769 CS=076B IP=0005 NU UP EI PL NZ NA PO NC
076B:0005 A00000 MOV AL,[0000] DS:0000=23

-t

AX=0723 BX=0000 CX=001F DX=0000 SP=0000 BP=0000 SI=0000 DI=0000
DS=076A ES=075A SS=0769 CS=076B IP=0008 NU UP EI PL NZ NA PO NC
076B:0008 8A1E0100 MOV BL,[0001] DS:0001=03

-t

AX=0723 BX=0003 CX=001F DX=0000 SP=0000 BP=0000 SI=0000 DI=0000
DS=076A ES=075A SS=0769 CS=076B IP=000C NU UP EI PL NZ NA PO NC
076B:000C 02C3 ADD AL,BL

-t

AX=0726 BX=0003 CX=001F DX=0000 SP=0000 BP=0000 SI=0000 DI=0000
DS=076A ES=075A SS=0769 CS=076B IP=000E NU UP EI PL NZ NA PO NC
076B:000E CC INT 3

-t

AX=0726 BX=0003 CX=001F DX=0000 SP=FFFA BP=0000 SI=0000 DI=0000
DS=076A ES=075A SS=0769 CS=01A3 IP=13B1 NU UP DI PL NZ NA PO NC
01A3:13B1 55 PUSH BP

-q

C:\>_