نحوه Debug کردن برنامه P1.exe

```
F:\Asm>DEBUG P1.EXE
-R
AX=0000  BX=0000  CX=00F4  DX=0000  SP=00C8  BP=0000  SI=0000  DI=0000
DS=13AF  ES=13AF  SS=13BF  CS=13CD  IP=0000   NV UP EI PL NZ NA PO NC
13CD:0000 B8CC13        MOV      AX,13CC
-T
AX=13CC  BX=0000  CX=00F4  DX=0000  SP=00C8  BP=0000  SI=0000  DI=0000
DS=13AF  ES=13AF  SS=13BF  CS=13CD  IP=0003   NV UP EI PL NZ NA PO NC
13CD:0003 8ED8          MOV      DS,AX
-T
AX=13CC  BX=0000  CX=00F4  DX=0000  SP=00C8  BP=0000  SI=0000  DI=0000
DS=13CC  ES=13AF  SS=13BF  CS=13CD  IP=0005   NV UP EI PL NZ NA PO NC
13CD:0005 A10000        MOV      AX,[0000]                     DS:0000=000F
-T
AX=000F  BX=0000  CX=00F4  DX=0000  SP=00C8  BP=0000  SI=0000  DI=0000
DS=13CC  ES=13AF  SS=13BF  CS=13CD  IP=0008   NV UP EI PL NZ NA PO NC
13CD:0008 03060200      ADD      AX,[0002]                     DS:0002=0019
-T
AX=0028  BX=0000  CX=00F4  DX=0000  SP=00C8  BP=0000  SI=0000  DI=0000
DS=13CC  ES=13AF  SS=13BF  CS=13CD  IP=000C   NV UP EI PL NZ AC PE NC
13CD:000C A30400        MOV      [0004],AX                     DS:0004=0000
-T
AX=0028  BX=0000  CX=00F4  DX=0000  SP=00C8  BP=0000  SI=0000  DI=0000
DS=13CC  ES=13AF  SS=13BF  CS=13CD  IP=000F   NV UP EI PL NZ AC PE NC
13CD:000F B8004C        MOV      AX,4C00
-D DS:0000 L6
13CC:0000  0F 00 19 00 28 00                                   ....(.
-T
AX=4C00  BX=0000  CX=00F4  DX=0000  SP=00C8  BP=0000  SI=0000  DI=0000
DS=13CC  ES=13AF  SS=13BF  CS=13CD  IP=0012   NV UP EI PL NZ AC PE NC
13CD:0012 CD21          INT      21
-P
Program terminated normally
-Q
F:\Asm>
```

```
;Program P1.asm

STKSG  SEGMENT  PARA  STACK  'STACK'
    DW    100 DUP(?)
STKSG  ENDS

DATASG SEGMENT   PARA  PRIVATE 'DATA'
    X    DW 15
    Y    DW 25
    Z    DW ?
DATASG ENDS

CODESG   SEGMENT  PARA  PRIVATE 'CODE'

MAIN   PROC  FAR

    ASSUME  DS:DATASG, CS:CODESG, SS:STKSG

    MOV    AX, DATASG    ;Move the start address
    MOV    DS, AX        ;of data segment to DS

    MOV    AX, X
    ADD    AX, Y
    MOV    Z, AX

    MOV    AX, 4C00H     ;Terminate program
    INT    21H

MAIN   ENDP

CODESG ENDS

    END  MAIN
```