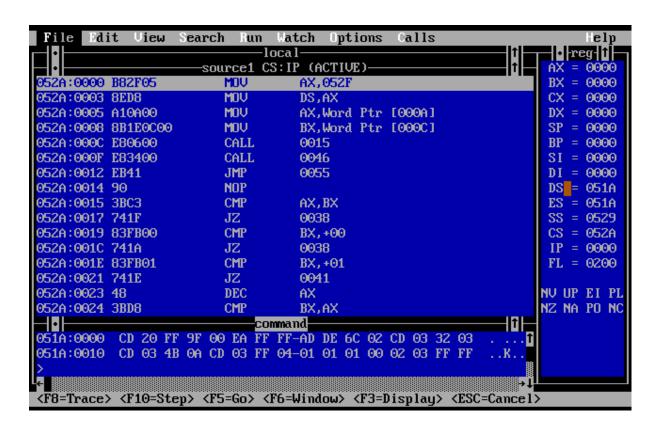
```
File Edit Search View Options Help
                             C:\MASM\NCR.ASM
.model small
.data
n dw 4
r dw 2
ncr dw 0
                                    П
.code
mo∨ ax,@data
mov ds,ax
mo∨ ax,n
mov bx,r
call ncrpro
call disp
jmp final
ncrpro proc near
      cmp ax,bx
                  ;r=n
       je res1
    cmp bx,0 ;r=0
```

```
File Edit Search View Options Help
                               C:\Masm\ncr.asm
        cmp ax,bx
                    ;r=n
        je res1
        cmp bx,0
                    ;r=0
        je res1
        cmp bx,1
                    ;r=1
       je resn
dec ax
        cmp bx,ax
        je incr
        push ax
        push bx
       call nerpro
pop bx
pop ax
dec bx
push ax
push bx
call ncrpro
pop bx
pop ax
ret
F1=Help
                                                      Line:39 Col:72
```

```
File Edit Search View Options Help
                             C:\MASM\NCR.ASM
res1: inc ncr
ret
incr: inc ncr
resn: add ncr,ax :1+2 3+3=6
ret
ncrpro endp
disp proc near
     mov bx,ncr
     add bx,3030h
     mov dl,bh
     mov ah,02h
     int 21h
     ret
     disp endp
final: mo∨ ah,4ch
       int 21h
       end
Commands for manipulating files
```

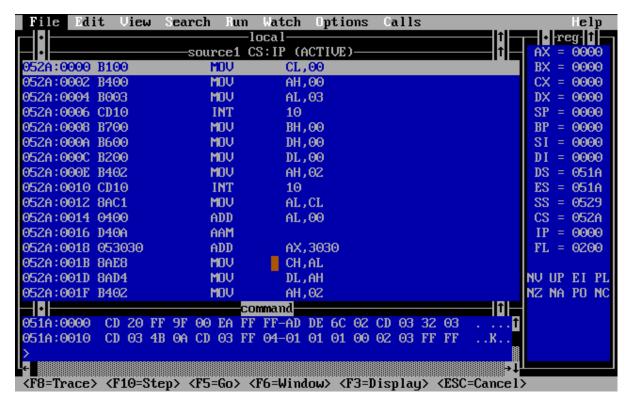


```
File Edit Search View_Options Help
                            C:\MASM\BINCOUNT.ASM
.MODEL SMALL
.CODE
      MOV CL,00
      MOU AH, OOH
      MOV AL,03H
      INT 10H
BACK: MOV BH,00H
      MOV DH, OOH
      MOV DL,00H
      MOV AH, 02H
      INT 10H
      MOV AL,CL
      ADD AL,00H
      AAM
      ADD AX,3030H
      MOV CH,AL
      MOV DL,AH
      MOV AH, 02H
      INT 21H
      MOV DL,CH
      MOV AH, 02H
Commands for manipulating files
```

```
File Edit Search View Options Help
                            C:\MASM\BINCOUNT.ASM
      INT 21H
      MOV DL,CH
      MOV AH, 02H
      INT 21H
      CALL DELAY
      INC CL
      XOR AX,AX
      CMP CL, 100D
      JNE BACK
      JE LAST
DELAY PROC NEAR
     PUSH AX
     PUSH BX
     PUSH CX
     MOU CX,00FFH
AG: MOV BX,00FFH
AG1: NOP
     DEC BX
     JNZ AG1
Commands for manipulating files
```

```
File Ddit Search View ptions Help
                           C:\MASM\BINCOUNT.ASM
     PUSH BX
     PUSH CX
     MOV CX,00FFH
AG: MOV BX,00FFH
AG1: NOP
     DEC BX
     JNZ AG1
     DEC CX
     JNZ AG
     POP CX
     POP BX
     POP AX
     RET
DELAY ENDP
LAST:
       MOV AH,4CH
       INT 21H
       END
                                       0
Commands for manipulating files
```





```
File Edit Search View Options Help
                             C:\MASM\CURSOR.ASM
.model small
DISP MACRO MSG
     LEA DX,MSG
     MOV AH, 09H
     INT 21H
ENDM
.DATA
ROW DB 02 DUP(0)
COL DB 02 DUP(0)
MSG1 DB ODH,OAH,"ENTER X CO-ORDINATE:$"
MSGZ DB ODH,OAH,"ENTER Y CO-ORDINATE:$"
MSG3 DB ODH,OAH,"CURSOR DISPLAYED AT THE CORRECT CO-ORDINATES:$"
.CODE
      MOV AX, CDATA
      MOV DS, AX
      DISP MSG1
      MOV SI, OFFSET ROW
      CALL READ
      DISP MSG2
Commands for manipulating files
```

```
File Edit Search View Options Help
                            C:\MASM\CURSOR.ASM
      DISP MSG2
      MOV SI, OFFSET COL
      CALL READ
      MOV SI, OFFSET ROW
      MOV AH, [SI]
      INC SI
      MOV AL, [SI]
      SUB AX,3030H
      AAD
      MOV DH,AL
      MOV SI, OFFSET COL
      MOV AH, [SI]
      INC SI
      MOV AL, [SI]
      SUB AX,3030H
      AAD
      MOV DH,AL
      MOV SI, OFFSET COL
      MOV AH, [SI]
      INC SI
      MOV AL, [SI]
      SUB AX,3030H
Commands for manipulating files
```

```
File Edit Search View Options Help
                             C:\MASM\CURSOR.ASM
      SUB AX,3030H
      AAD
      MOV DL,AL
      MOV AH,00
      MOV AL, 03H
      INT 10H
      MOV AH, 02H
      INT 10H
      DISP MSG3
      JMP FINAL
READ PROC NEAR
     MOV CX,02H
BACK:MOV AH,01H
     INT 21H
     MOV [SI],AL
     INC SI
     DEC CX
     JNZ BACK
     RET
Commands for manipulating files
```

```
RET
READ ENDP

FINAL:MOU AH,01H
INT 21H
MOU AH,4CH
INT 21H
END

Commands for manipulating files
```



