# Coordinates of Cursor

```
.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 0dh, 0ah, " enter x coordinates :: $"
msg2 db 0dh, 0ah, " Enter y coordinate :: $"
.code
    mov ax, @data
    mov dx, ax
    disp msg1
    mov si, offset row
    call read
    disp msg2
    mov si, offset row
    mov ah, [si]
    inc si
    mov al, [si]
    sub ax, 3030h
    aad
    mov dh, al
    mov si, offset col
    mov al, [si]
    inc si
    mov al, [si]
    sub ax, 3030h
```

```
add
mov dl,al
mov ah,00
mov al,07h
int 10h
        jmp final
read proc near
        mov sc,02h
back: mov ah,0bh
        int 21h
        mov (si),al
        inc si
        dec cx
        jnz back

ret
read endp
final :mov ah,01h
        int 21h
        mov ah,4ch
        int 21h
        end
```