

⇒ Read x and y coordinates and display to 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-coordinate :: $"
msg2 db 0dh, 0ah, "enter y-coordinate :: $"

```

.code

```

mov ax, @data
mov ds, ax
disp msg1
mov si, offset row
call read
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 bh, al
mov si, offset col
mov ah, [si]

```


inc si

mov al, [si]

sub ax, 3030h

aad

mov dl, al

mov ah, 00

mov al, 03h

int 10h

mov ah, 02h

int 10h

jmp final

read proc near

mov cx, 0ah

back: mov ah, 01h

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.