

Program for cursor to point at given location.

model small

dispp 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 : \$"

msg3 db 0dh, 0ah, "Cursor is pointing correctly \$"

code

mov ax, @data

mov ds, ax

dispp msg1

mov si, offset row

call read

dispp 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 ; row

mov si, offset col

mov ah, [si]

```

inc SI
mov al, [SI]
sub ax, 3030h
AAD
mov dl, al; col
mov AH, 00
mov al, 03H
int 10H
mov ah, 02h
int 10h → disp msg 3
JMP final

```

```

read proc near
mov cx, 02H
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, 4eh
int 21h
end

```

```

mov SI, offset col
mov ah, [SI]
inc SI
mov al, [SI]
sub ax, 3030H
AAD
MOV DL, AL.

```


ANSBox v1.1.1 (c) speed 1000 cycles, Frameskip: 0 Progra X

CURSOR DISPLAYED AT THE CORRECT CO-ORDINATES: _