

X-Y Coordinate (lab)

Cursor

. Mode Small

display micro Msg

lea dx, msg

mov ah, 09h

int 0x21

ENDM

.data

Row db 02 dup(0)

Col db 02 dup(0)

msg1 db 0ah, 0ah, "Enter - X-co-ordinate: \$"

msg2 db 0ah, 0ah, "Enter - Y-co-ordinate: \$"

.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 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

~~dec~~

JMP final

Read proc near

mov cx, 02h

ack: mov ah, 01h

int 01h

mov [si], al

inc si

dec ex

JNZ back

Ret

Read Endp

FINAL: MOV AH, 01H

int 21h

mov ah, 4ch

int 21h

End