

Cursors to designated coordinates

- model small

DISP macro msg

leal dx, msg

mov ah, 09h

int 21h

Endm

• data

Row DB 02 dup(0)

Col DB 02 dup(0)

msg 1 DB 0DH, 0AH, "Enter X-co-ordinate: "

msg 2 DB 0DH, 0AH, "Enter Y-co-ordinate: "

msg 3 db 0dh, 0ah, "Cursors displayed at correct
co-ordinates "

• Code

mov ax, @data

mov ds, ax

disp msg 1

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 DL, AL

MOV AH, 00

MOV AL, 03h

INT 10h

MOV AH, 02h

INT 10h

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, 4Ch

INT 21h

END