

LAB - 8

CURSOR (71), 11A 10M

72 2M1

.MODEL SMALL (72), 1A 10M

DISP MACRO MSG (72), 1A 10M

LEA DX, MSG 09A

MOV AH, 09H 09A

INT 21H 100 706070, 72 10M

ENOM (72), 1A 10M

.DATA 102A, 1A 200

ROW DB 02 DUP (0) 00A

COL DB 02 DUP (0) 00A

MSG1 DB 0DH, 0AH, "ENTER X-CO-ORDINATE : \$"

MSG2 DB 0DH, 0AH, "ENTER Y-CO-ORDINATE : \$"

MSG3 DB 0DH, 0AH, "CURSOR DISPLAYED AT THE CORRECT COORDINATES"

.CODE 100, 1A 10M

MOV AX, @DATA 101 1M1

MOV DS, AX 101 1M1

DISP MSG1 101 1M1

MOV SI, OFFSET ROW 101 1M1

CALL READ 101 1M1

DISP MSG2 101 1M1

MOV SI, OFFSET COL 101 1M1

CALL READ 101 1M1

MOV SI, OFFSET COL 101 1M1

~~MOV SI, OFFSET COL~~
~~CALL READ~~

8-8A1

MOV AH, [SI]

INC SI

MOV AL, [SI]

SUB AX, 3030H

ADD

MOV DH, AL; ROW

MOV SI, OFFSET COL

MOV AH, [SI]

SUB AX, 3030H

ADD

MOV DL, AL; COL

DISP MSN3

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 ENOP

FINAL : MOV AH, 01H

INT 21H

MOV AH, 4CH

INT 21H

END