LAB 9:--

PROGRAM:

.MODEL SMALL

DISP MACRO MSG

LEA DX,MSG

MOV AH,09H

INT 21H ; dh 12 mov ah,01h 0102

ENDM ; dl 23 int 21h AAD-0012

.DATA

ROW DB 02 DUP(0)

COL DB 02 DUP(0)

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

MOV AX,@DATA

MOV DS,AX ;

DISP MSG1 ; Row=3132 ax=0102

MOV SI,OFFSET ROW ; Col=3233 aad=0012

CALL READ

DISP MSG2 ; 0023

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

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

SCREENSHOT:--



WRITTEN:--

