LAB - 9

Read x and y coordinates and display cursor at that Position on the screen

```
.MODEL SMALL
DISP MACRO MSG
    LEA DX,MSG
    MOV AH,09H
    INT 21H
ENDM


.DATA
ROW DB   02 DUP(0)
COL DB   02 DUP(0)
MSG1 DB   00H,0AH,"Enter x-coordinate:::$"
MSG2 DB   00H,0AH,"Enter y-coordinate:::$"


.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
        MOV   SI,OFFSET COL
        MOV   AH,[SI]
        INC   SI
        MOV   AL,[SI]
        SUB   AX,3030H
        AAD
        MOV   DL,AL
        MOV   AH,00H
        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
```