LAB 9

```
. 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 0DH, 0AH, " ENTER X - CO-ORDINAT
;; $ "
MSG2 DB 0DH, 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]
```

```
MOV SI, OFFSET LOL
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
```