MOHAMMED ABDUL HAMID
1BM19CS202
3-D

Lab9.asm

```asm
.MODEL SMALL
DISPLAY 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-ordinates:: $"
msg2 db 0dh,0AH,"ENTER Y-coordinate:: $"
.CODE
MOV AX,@DATA
MOV DS,AX
DISP MSG1
MOV SI,OFFSET ROW
CALL READ
DISP MSG2
MOV SI,OFFSET ROW COL
CALL READ
MOV SI OFFSET ROW
MOV AH,[SI]
INC SI
mov AL,[SI]
SUB AX,3030h
```

```
AAd
MOV OH, AL
  MOV SI, OFFSET COL
  MOV  AH, [SI]
  INC  SI
  MOV  AL, [SI]
SUB  AX, 3030H
AAD
MOV DL,AL
MOV AH, 100
  MOV AL, 03H
INT IOH
MOV AH, 02H
  INT IOH
  JMP FINAL
    REAP PROC NEAR
  BACK: MOV AH, 01H
    int 21h              INT 21H
    MOV [SI],al          MOV AH,4CI
    INC SI               INT 21H
    DEC  CX              END
      JNZ BACK
RET
REAP ENDP
  FINAL: MOV AH, 01H
```