

MP-LAB
Program - 9

SUSHMITHA Y.V
IBM/9C5165
3D-SECTION

• 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-ordinate :: $"  
msg2 db 0dh, 0ah, "enter y-co-ordinate :: $"
```

• code

```
mov ax, @data  
mov ds, ax  
disp msg1  
mov si, offset row  
call read  
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]

~~80h~~ / ax

inc 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

jz back

ret

read endp

final: mov ah, 01h

int 21h

mov ah, 4ch

int 21h

end