Varsha.S 1BM19CS179 '3D' Batch 1

Lab-9 18/11/2020

```
.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
    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.
```

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```
mov si, offset col
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.
```

Teacher's Signature :