

18/11/20

HP LAB - DI BATCH

VAKAMALLA KEERTI

PRIVA

(18M19CS176)

program 9

• model small

diip macro msg

lea dx, msg

mov ah, 09h

int 21h

endmacro

• 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

diip msg1

mov si, offset row

call read

diip 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
end
```