

.model small

```
    .data
    msg db "Enter coordinates"
    row db 02 dup(0)
    col db 02 dup(0)
    msg1 db 0dh, 0ah, "Enter x-coordinates"
    msg2 db 0dh, 0ah, "Enter y-coordinates"
    .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
```

endm

.data

row db 02 dup(0)

col db 02 dup(0)

msg1 db 0dh, 0ah, "Enter x-coordinates"

msg2 db 0dh, 0ah, "Enter y-coordinates"

.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

Teacher's Signature _____

aad
mov dh, al
mov si, offset col
mov ah, [si]
inc si
mov al, [si]
sub ax, 3030h
aad
mov dl, -ax al

mov ah, 00
mov al, 03h
int 10h
mov ah, 02h
int 10h
jmp final

read proc near
~~back:~~ mov cx, 02h
back: mov ah, 01h
int 21h
mov [si], al
inc si
dec cx

~~jnz back~~
out

read endp

final: mov ah, 01h
int 21h

mov ah, 4ch

int 21h

end