

• 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

 mov si, offset col

 mov ah, [si]

 inc si

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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
```