```
.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
        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
end
```