

· 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
    jnx back
ret
read endp
final: mov ah, 01h
    int 21h
    mov ah, 4ch
    int 21h
end

```