

Program for cursor to point at given location.

```
.model small
dispp maceomsg
    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-Coordinate : $"
msg2 db 0dh, 0ah, "Enter Y- coordinate : $"
msg3 db 0dh, 0ah, "cursor is pointing correctly $"
.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 ; row
    mov si, offset col
    mov ah, [SI]
```



```

inc SI
mov al, [SI]
sub ax, 3030h
AAD
mov dl, al; col
mov AH, 00
mov al, 03H
int 10H
mov ah, 02h
int 10h → disp msg 3
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

```

```

mov SI, offset col
mov ah, [SI]
inc SI
mov al, [SI]
sub ax, 3030H
AAD
MOV DL, AL.

```



DOSBox 0.74-3, Cpu speed: 3000 cycles, Fram...



bincount

1941-1942

1000

plane  
H<sub>2</sub>O, do var: low  
W/S low  
H<sub>2</sub>O, do var  
W/S low  
low

104, no von  
115 the  
116

$X_{0,1}$   $ax, ax$   
 $c_k$   $c, 100D$

back

JE last



delay proc near  
push ax  
push bx  
push cx

mov cx, <sup>zero</sup>00FFH

ah: mov bx, <sup>zero</sup>0FFFH

AG1: NOP → wastes 4 clock cycles (NO OPERATION)

DEC BX

JNZ AG1

DEC CX

JNZ AG

POP CX

~~POP BX~~ POP BX

POP AX

ret

Delay endp

LAST: mov ah, 4ch

int 21h

end

to waste some time  
Delays the output



DOSBox 0.74-3, Cpu speed: 3000 cycles, Fram...



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