

To read a pair of input co-ordinates in BCD and move the cursor & at specified position.

- model small

```
disp macro msg
```

```
    lea dx, msg
```

```
    mov ah, 09H
```

```
    int 21H
```

```
endm
```

- data

```
new db 02 dup(?)
```

col db 02 dup(?)
msg1 db 0dh, 0ah, "Enter x-coordinate \$"
msg2 db 0dh, 0ah, "Enter y-coordinate \$"
• code

mov ax, @data
mov ds, ax

disp msg1

lea si, row

call read

disp msg2

lea si, column

call read

lea si, row

mov ah, [si]

inc si

mov al, [si]

sub ax, 3030H

aad

mov dh, al

mov ah, 00H

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

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read endp

final: mov ah, 01H
int 21H
mov ah, 4ch
int 21H
end

