

display cursor

• 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 coordinate"
    :: "$"
msg2 db 0dh, 0ah, "Enter y coordinate" :: "$"

```

• 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 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, ah
    int 21h
    mov [si], al
    inc si
    dec cx
    jnz back
```

```
ret
read endp
```

final: move ah, 0h

int 21h

move ah, 4ch

int 21h

end