

```

.model small
disb macro msg
    lea dx, msg
    mov ah, 09h
    int 21h

```

; cursor program.

```
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 displayed at correct coordinates "
```

```
.code
```

```
mov ax, @data
```

```
mov ds, ax
```

```
disb msg1
```

```
mov si, offset row
```

```
call read
```

```
disb msg2
```

```
mov si, offset col
```

```
call read
```

```
mov si, offset row
```

```
mov ah, [si]
```

```
inc si
```

```
mov al, [si]
```

```
sub ax, 3030h
```

```
add
```



mov dh, al  
mov si, offset w  
mov ah, [si]

inc si  
mov al, [si]

~~add~~ add

mov dl, al  
mov ah, 00  
mov al, 02h  
int 10h

mov ah, 02h  
int 10h  
disg msg3  
jmp final

read proc near  
mov cx, 02h

back: mov ah, 01h  
int 21h  
mov [si], al  
inc si  
dec cx

jmp back

ret  
read endp

final: mov ah, 01h



int 21h

more ah, ~~by~~eh

int 21h

end 