

```
11 .model small
    disp macro msg
        lea dx, msg
        mov ah, 09h
        int 21h
    endm
```

```
.data
```

```
msg1 row db 02 dup(0)
```

```
msg2 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 ah, 3030h
```

```
AAD
```

mov di, A0 ; row

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

→ disp msg3

jmp final.

Read proc Neaq

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.

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```
mov AH, 4Ch  
int 21H  
end
```

1310 cursor

r x-coordinates:10  
r y-coordinates:4\_



