```
.model small
disp macro msg
   lea dx, msg
   mov ah, 09h
   int 21h
   end m
.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 dx, 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
mov ah, 00
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
read endp
```

```
final: mov ah, 01h
       int 2ch
       mov ah, 4ch
       int 21h
       end
```