```
.model small
   diip macro msg
   lea dx,msg
   mov ah,09h
    int a1h
endm

.data

row    db 02 dup(0)
col    db 02 dup(0)

msg1 db 0dh,0ah , " enter the x-coordinate ": $"
msg2 db 0dh,0ah , " y enter y coordinate :: $"

.code

move  ax,@data
mov   ds,ax
disp  dx msg1
mov   si,offset row
call  read
diep  msg2
mov   si,offset col
call , read
mov   si,offset row
mov   ah,[si]
ins   si
mov   al, [si]
sub ax,3030h
aad
mov dh,al
mov  si,0ff set col
mov   ah, [si]
inc si
mov  al, [si]
sub  ax,3030h
aad
mov dl,al


mov ah,00h
mov al,03h
int  10h
mov ah,02h
int 10h
jmp final
```

```asm
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 21
   mov ah,4ch
   int 21h
   end
```