**Ejercicio a)**

ORG 1000h

A dw 10

B dw 5

org 3000h

es\_mayor: push bx

push cx

mov bx, sp

add bx, 6

mov cx, [bx]

add bx, 2

mov bx, [bx]

cmp [bx], cx

jc b\_fue\_mayor

mov [bx], cx

b\_fue\_mayor: pop cx

pop bx

ret

ORG 2000h

mov ax, OFFSET A

push ax

mov ax, B

push ax

call es\_mayor

pop ax

pop ax

HLT

END

**Ejercicio b)**

ORG 1000h

tablaA dw 1, 2, 5, 4, 7

tablaB dw 2, 3, 4, 5, 10

cant10 db 0

org 3000h

es\_mayor: push bx

push cx

mov bx, sp

add bx, 6

mov cx, [bx]

add bx, 2

mov bx, [bx]

cmp [bx], cx

jc b\_fue\_mayor

mov [bx], cx

b\_fue\_mayor: pop cx

pop bx

ret

ORG 2000h

mov bx, offset tablaA

comparar\_tablas: push bx

add bx, offset tablaB - offset tablaA

mov ax, [bx]

cmp ax, 10

jnz continuar

inc cant10

continuar: sub bx, offset tablaB - offset tablaA

push ax

call es\_mayor

pop ax

pop ax

add bx, 2

cmp bx, offset tablaB

jnz comparar\_tablas

HLT

END

**Ejercicio c)**

