# Ejercicios

## 18)

**a)**

4iM = 4i+16i = 20i -> M = 5

4iN = 32i-4i=28i -> N = 7

**b)**

13

**c)**

13

**d)**

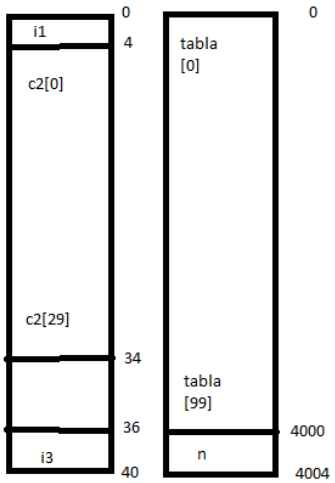
9

**e)**

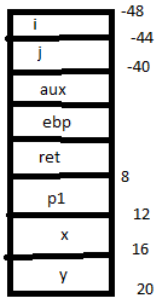
Tardan 0.5 i/c -> 2 c/i, 0.8 i/c -> 1.25 c/i. 9*2+4*1.25 = 23 ciclos

## 19)

**a)**




**b)**




**c)**

```
movl 12(%ebp), %eax
movl (%eax), %eax
addl -4(%ebp), %eax
```

**d)**

```
movl 8(%ebp), %eax
movl -44(%ebp), %ecx
imul $40, %ecx
addl %ecx, %eax
movl 16(%Ebp), %ecx
pushl %eax
pushl %ecx
call F
addl $8, %ebp
mobl %eax -40(%ebp)
```

**e)**

```
movl -44(%ebp), %eax
movl 16)%ebp), %ecx
imul %eax, %ecx
movl %ecx, -48(%ebp)
```

**f)**

```
movb -12(%ebp), %al
leal -40(%ebp), %Ecx
addl $4, %ecx
addl -48(%ebp), %ecx
movb %al, (%ecx)
```

**g)**

**h)**

```
movl -40(%ebp), %eax
cmpl 16(%ebp), %eax
je else
movl -48(%ebp), %ecx
jmp fi
else: movl -44(%ebp), %ecx
fi: movl %Ecx, -4(%ebx)
```

**i)**

```
movl $0, %eax
```

```
        leal -40(%ebp), %Ecx
while: cmpb $'.', 4(%ecx, %Eax)
        je while
        movb $#, 4(%ecx, %eax)
        incl %eax
        jmp while
fi:
```