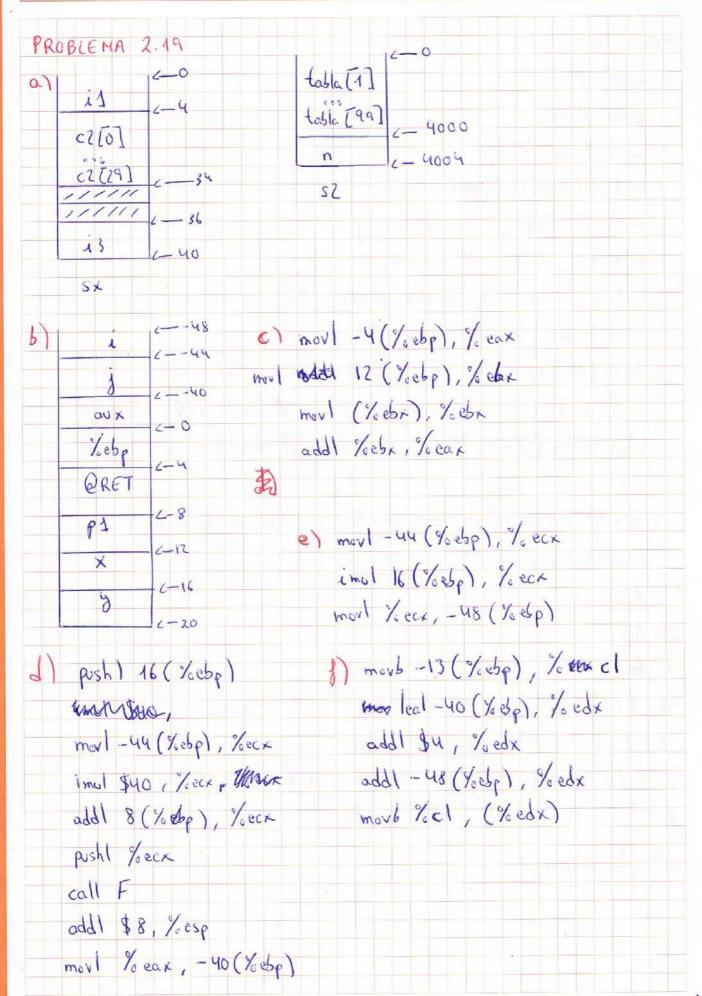
MOD MICHELATUS

```
PROBLEMA 2.18
Suma Elemento:
  push / cop
   may 1 /2 25p, 1/2 ebp
   movi 8 (% ebg), % eax Heax = i
   moul 12 ( Yough), Heck Heck - j
   sall BZ, Lecx Flecx - 4j
   leal (, % eax, 8), % edx # edx = 8i
   5051 1/ceax, 1/edx # edx = 7:
   leal ( hear, hear, 4), hear # eax = 5;
   mov1 mat2 (%ecx, %eax, 4), % eax # @mat2 + (9) + 5i) 4
   add mals ( Leck , Ledx, 4), Leax A @mals + (j + 7i) 4
a) @mod 2+ (j+5i).4 -> M=5 (columnas de mot 2)
   @mott + (j + 7:). 4 -> N=7 (columnas de mott)
6) 13
c) 13
1)6
1/0'8 = 1'25 CPS 1/0'5 = 2 CPS
6.2 +7.125 = 20'75 ciclos
11/0'9 = 1'1 CPS 1/0'6 = 1'67 CPS
6.167 + 7.11 = 17 7 ciclos
 13,5
```



push 1 % ebp

8) mov \$0, % eax

mov 1 8 (% ebp), % ecx

Joi: MAN KALA MANAGA

cmp 1 16 (% ebp), % eax

jge return

cmp 1 4000 (% ecx), % eax

inv 1 940, % ear, % edx

add 1 % ecx, % edx # @ pd. tolla [i]

add 1 % eax, % ebx

inv 1 % ebx, (% edx)

add 1 % 5, % eax

jrp Bur

return: pop 1 % ebp

h) if: mov1-40 (% &p), % ecx

cmpl 16 (% &p), % ecx

je else

mov1-48 (x elp), % ecx

mov1 % ecx, -4 (% ebp)

else: mov1-44 (% elp), % ecx

mov1 & % ecx, -4 (% ebp)

MG MIQUELPIE

fi.il:

mov1 \$0, % eax leal -36 (% ebp), % ecx while: cmpb si., (% ecx, % eax) pup je celuin movb \$#', (%ecx, %eax) Incl Seax jmp while return: