

## **AC-PROBLEMES-2.pdf**



Arnau\_FIB



Arquitectura de Computadores



2º Grado en Ingeniería Informática



Facultad de Informática de Barcelona (FIB) Universidad Politécnica de Catalunya



18 DES

Ver mis oportuni

Continúa donde le

405416\_arts\_esceniq ues2016juny.pdf

Top de tu grado.

RocioZabalo

ponywaszas

## Descarga la APP de Wuolah.

Ya disponible para el móvil y la tablet.







m2 [N] [M] a)

MY [M] [N]

m2[20i+4j] > M=5 m1[28i+4j] > N=7

- 13 6)
- d) 9
- 13 c)

(NO mem) e) + 015 ans (men)

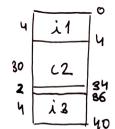
$$(13-9) \text{ ins.} \quad \frac{1}{000} + 9 \cdot \frac{1}{000} = 2002 | \text{ cides}$$

Speedup = 
$$\frac{281}{19114} = 1'18 \rightarrow 18\%$$



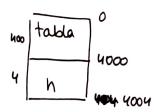


SX:



52 :

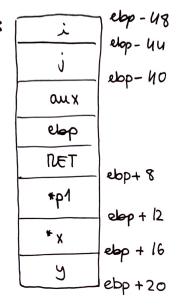
**c**)



moul

mov l

b) Examen:



ret 9) push 16 (ebp) moul 8(elop), "eax \$40, -44 (ebp), %.ecx inue leal (eax, ecx) "ecx pushe yecx

12 (ebp), Y. ecx

(Y.ecx), Y.eax

addl -4 (elop), y.eax

moul -44 ( / ebp) , / eax more (6(1. elsp), 1.ecx imul Y.eax, Y.ecx Y.ecx, -48(ebp) mov e

call F adde \$8, 1.esp move /. eax , -40(ebp)

- -13(ebp), %al movb 3) 1.al, -36 (ebp, ecx)
- h) moul 16 (elop), 1. eax cmpl -40 (elop), y.eax je else move -48 (elep), Y.ecx more year, - 4 (elop) imp hr. else

9) Janu move \$0, -48 (1.ebp) move 8(ebp), "eax # & p1 more -48(Yebp), Y.esi

for: cmpl 16(ebp), Y.esi tipor jge 7.esi, 4000 (eax) cmpl jle rifor imul

hor: more yen, -48(1.ebp)

else: moul -44 (ebp), % ecr move y.ecx, -4(elap)

move 36 (eax, ecx), Y.edx addl Yesi, Y.edx Y.edx, (eax, ecx) Lvom \$5, esi addl jmp

\$0, - Me (elap) morl move \$0, 7.85i Suo, Y.esi, Y.ecx #2.40 wh: cmpl -36(esp, in), \$1.1 je enduh move \$'#', -86(ebp, exi) ince Y. eni. jmp wh

endula: move /en, -48(emp)