

• AC : Sesión 3

① push %ebp
move %esp,%ebp
subl \$8,%esp
pushl %ebx
pushl %esi

movl 8(%ebp),%ebx # @ Vector
movl 12(%ebp),%esi # elementos
movl =4(%ebx),%eax # Elementos en %eax \rightarrow $res = V[0]$
movl \$1,%ecx # i

for: cmpl %esi,%ecx
jge end
cmpl (%esi,%ecx,4),%eax
jge endif
movl (%esi,%ecx,4),%eax

endif: incl %ecx
jmp for

end: popl %esi
popl %ebx
movl %ebp,%esp
popl %ebp
ret

2

2 mao 2022: A.

~~move -4(%ebp)~~

move \$0, %eax # %eax + res (Para me tener que mover Regs)

move \$0, %ebx # i

move -12(%ebp), %edx # Matriz

for i: cmp \$3, %ebx

jge sfori

move \$0, %ecx

for j: cmp \$3, %ecx

jge sforj

move %ebx, %esi

imulc N, %esi # i.N

addl %ecx, %esi # i.N+j

addl ~~res~~ (%edx, %esi, 4), %eax

inc %ecx

jmp forj

sforj: inc %ebx

jmp fori

endfori