HW 6   Q 2

Alex Thompson

Find k, l, m

imulq $343, %rdi, %rdi $\Rightarrow$ k = 343

leaq   (%rsi, %rsi, 2), %rdx)

salq $4, %rdx

movl $268912, %eax

rdi = k
rsi = x
rdx = y

$y = x + 2x$
$y \ll 4$
$= 16$
$\underline{L = 16}$

sizeof (A) = 268912

$268912 / 343 / 16 = 49$
$m = 49$