



→
→

4

maxi

movd

(rsi)

edx

cmpl

edx

(rdi)

$x - y \leq 0$

$x \leq y$

7

2

x

s

6



←

3 LI

8 ret

f_y
f_x

x = unsorted ()

.

.

.

free(x)

int x[3]

← array on stack
sizeof(x) → 12
(or global)

int *y = calloc(3, sizeof(int))

← ptr on heap
sizeof(y) → 8

