

"apple" ← odd length
↑ ↑ ↑ ↑ ↑
0 1 2 3 4
 $4 // 2 = 2$

"banana" ← even length
↓ ↓ ↓ ↓ ↓ ↓
0 1 2 3 4 5
 $5 // 2 = 2$
 $2 + 1$

$$x = [-50 \overset{\downarrow}{0} 0 0, 10, -100]$$

$$\text{smallest} = -50000$$

$$\text{largest} = 10$$

$$\text{let largest} = x[0] \quad (-50000)$$

$$\text{largest} > 10$$

$$\text{largest} = 10$$

How to find the largest number in a list?

x = [-50000, 10, -100]

largest = x[0] // ~~-50000~~ ✓

for no in x:

if no > largest:

largest = no

print(largest)

~~10~~

10

[1, 5, 10, 15] [-5000000, 10000] ✓

largest = 15

largest = 0

0 > ①

1 > ⑤

5 > ⑩

10 > ⑮ ✓

-inf > -5000
 ↑
 -50
 ↑