

Maximum Subarray

max-subarray([-2, 1, -3, 4, -1, 2, 1, -5, 4])

$x = -2$

max-ending-here = 0

max-so-far = 0

↓

$x = 1$

max-ending-here = 1

max-so-far = 1

↓

$x = -3$

max-ending-here = 0

max-so-far = 1

↓

$x = 4$

max-ending-here = 4

max-so-far = 4

↓

$x = -1$

max-ending-here = 3

max-so-far = 4

↓

$x = 2$

max-ending-here = 5

max-so-far = 5

↓

$x = 1$

max-ending-here = 6

max-so-far = 6

↓

$x = -5$

max-ending-here = 1

max-so-far = 6

↓

$x = 4$

max-ending-here = 5

max-so-far = 6

↓

6