Date.........

$$[7, 1, 5, 3, 6, 4]$$

↑ B   ↑ S

$$4 - 7 = -3$$

sori this should be same as the MEDIUM approach

$$[7, 1, 5, 3, 6, 4]$$

↑ ↑
B S

$1 - 7 = -6$, $B = S$, $S++$

$5 - 1 = 4$, $max = 4$, $S++$

$3 - 1 = 2$, $S++$

$6 - 1 = 5$, $max = 5$, $S++$

$4 - 1 = 3$, end

$max = 5$ Buy at Day 1, sell at Day 4

$O(n)$