BTC.
blutechconsulting

Date.

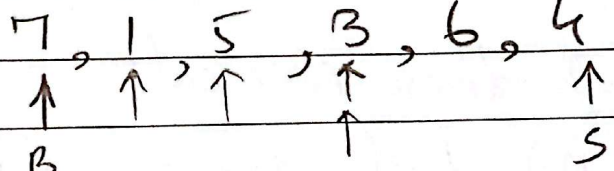
(7)

prices = [7, 1, 5, 3, 6, 4]

Can hold one stock any time
Each day buy/sell stock (~~u can buy & sell that stock~~ On same day)

Maximum subarray is for 1 time buy & sell S that could be greedy approach?

lg one approach is:



4 - 7 = -3 // We need profit move B pointer
4 - 1 = 3 // Move S pointer max = 3
6 - 1 = 5 // Move S pointer max = 5
3 - 1 = 2 // Move B pointer " "
3 - 5 = -2 // Move B pointer
3 - 3 = 0 // Move S pointer to [n]
4 - 3 = 1 // Move S pointer Max + 1 = 6

the right approach should be:

0	1	2	3	4	5
7	1	5	3	6	4
↑	↑	↑			
B	S				

1-7 = -6 // B=S, S++
5-1=4 // max = 4, B++, S++
3-5 = -2 // B=S, S++
6-3 = 3 // max + 3 = 7
4-6 = -2 // B=S, S++

max = 7

O(n) Time
O(1) Space

Two Ptr with Max Subarray Approach ?

↳ certainly learned from it