

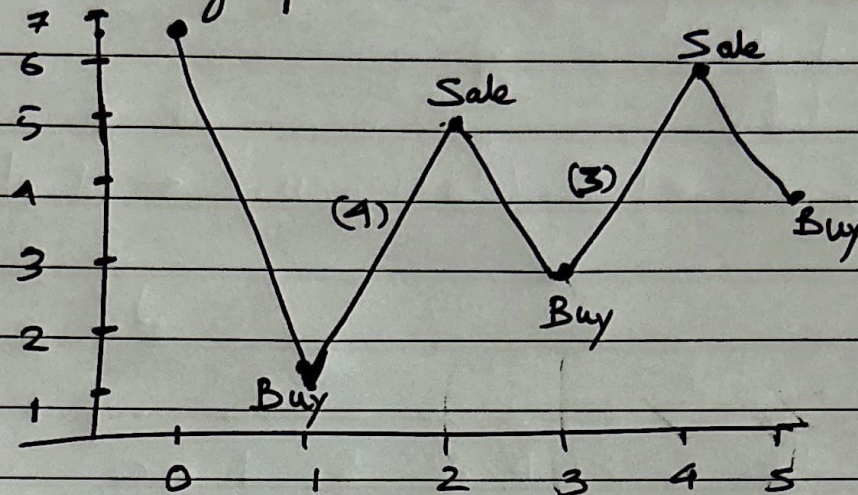
## Best Time to Buy & Sell Stock II

Input  $\rightarrow$  prices = [7, 1, 5, 3, 6, 4]

Output  $\rightarrow$  7

Intuition  $\rightarrow$

Draw the graph



Ans  $\rightarrow$  4 + 3 = 7

Step 1  $p_{max} = 0$

Step 2 Iterate for loop  $i = 1$  to prices.length

Step 3 Find diff of prices when  $prices[i] > prices[i-1]$

Step 4 In each loop add diff to  $p_{max}$

Step 5 Return  $p_{max}$