

BEST TIME TO BUY AND SELL STOCK

★ In this problem, we are supposed to find the best days to buy and sell a stock, given daywise stock price. Basically asks us to find pair of numbers from an array with highest +ve difference

Solution is to iterate through the entire array, and find the minimum element in 0 to $i-1$. Store the difference b/w this minimum & i^{th} element and maximise it.

Pseudocode :

```
stockBuySell(arr, N) {  
    mini = arr[0]  
    profit = 0  
    for(int i = 0 → N) {  
        cost = arr[i] - mini  
        profit = max(profit, cost)  
        mini = min(mini, arr[i])  
    }  
    return profit  
}
```