

---

**Algorithm** Find the maximum profit by buying and selling stocks

---

**Ensure:** Zero Based Indexing for the array

```
1: function maxProfit(arr, len)  
  
2:   profit = 0  
3:   for i in len - 1 do  
4:     if arr[i] < arr[i + 1] then  
5:       profit += arr[i + 1] - arr[i]  
6:   return profit  
  
7: end function
```

---