

task-5:>

```
def maxProfit(prices):  
    max_profit = 0  
    for i in range(len(prices)):  
        for j in range(i + 1, len(prices)):  
            profit = prices[j] - prices[i]  
            if profit > max_profit:  
                max_profit = profit  
    return max_profit
```

```
prices1 = [7, 1, 5, 3, 6, 4]
```

```
prices2 = [7, 6, 4, 3, 1]
```

```
print(maxProfit(prices1))
```

```
print(maxProfit(prices2))
```