```
day 2 3.0.py - C:/Users/nandh/AppData/Local/Programs/Python/Python311/day 2 3.0.py (3.11.1)
le Edit Format Run Options Window Help
f maxProfit (price, n):
  profit = [0]*n
  max price = price[n-1]
  for i in range(n-2, 0, -1):
       if price[i] > max price:
           max price = price[i]
           profit[i] = max(profit[i+1], max_price - price[i])
           min_price = price[0]
   for i in range(1, n):
       if price[i] < min price:
           min price = price[i]
           profit[i] = max(profit[i-1], profit[i]+(price[i]-min_price))
            return result
price = [7,1,5,3,6,4]
print ("Maximum profit is", maxProfit(price, len(price)))
                                 口"
```