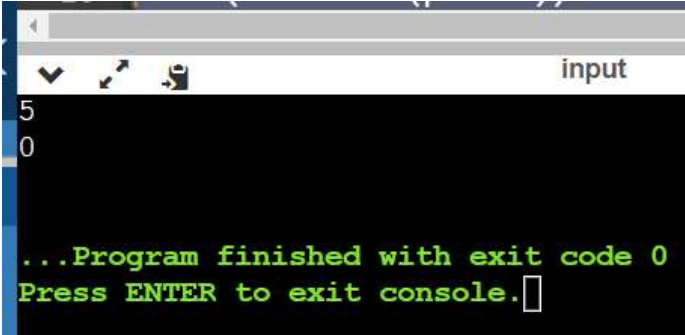


Problem – 6 : Stock buy & sell

```
def maxProfit(prices):  
    minPrice = float('inf')  
    maxProfit = 0  
  
    for price in prices:  
        if price < minPrice:  
            minPrice = price  
        elif price - minPrice > maxProfit:  
            maxProfit = price - minPrice  
  
    return maxProfit  
prices = [7, 1, 5, 3, 6, 4]  
print(maxProfit(prices))  
  
prices = [7,6,4,3,1]  
print(maxProfit(prices))
```



The screenshot shows a console window with a title bar that includes a maximize button, a close button, and the word "input". The console output displays the number "5" on the first line and "0" on the second line. Below the output, a green message states "...Program finished with exit code 0" and "Press ENTER to exit console." followed by a cursor icon.