```python
n=int(input())
l=[]
for i in range(n):
    a=int(input())
    l.append(a)
non_zero = 0
for i in range(len(l)):
    if l[i]!=0:
        l[non_zero],l[i]=l[i],l[non_zero]
        non_zero += 1
print("Updated array:", l)


n=int(input())
l=[]
for i in range(n):
    a=int(input())
    l.append(a)
non_zero = 0
for i in range(len(l)):
    if l[i]==0:
        l[non_zero],l[i]=l[i],l[non_zero]
        non_zero += 1
print("Updated array:", l)


n=int(input())
prices=[]
for i in range(n):
    prices.append(int(input()))
max_profit=0
for i in range(1,len(prices)):
    if prices[i]>prices[i-1]:
```

```python
        max_profit=prices[i]+prices[i-1]
print("Maximum profit:",max_profit)
```