

```

n = int(input())
l = []
for i in range(n):
    l.append(int(input()))
index = 0#1#2
for i in range(n):
    if l[i] != 0:
        l[index] = l[i]
        index += 1
for i in range(index, n):
    l[i] = 0
print(l)
index = n - 1
for i in range(n - 1, -1, -1):
    if l[i] != 0:
        l[index] = l[i]
        index -= 1
for i in range(index + 1):
    l[i] = 0
print(l)

```

```

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

```