# Problem: Breaking the Records

**Sample Input 0**

9

10 5 20 20 4 5 2 25 1

**Sample Output 0**

2 4

Program:

n = int(input())

scores = list(map(int, input().rstrip().split()))

currHigh = scores[0]

currLow = scores[0]

countHigh = countLow = 0

for i in range(1,n):

    if scores[i] == currHigh or scores[i] == currLow:

        pass

    else:

        if scores[i] > currHigh:

            currHigh = scores[i]

            countHigh = countHigh+1

        else:

            if scores[i] < currLow:

                currLow = scores[i]

                countLow = countLow+1

print(countHigh,countLow)