

Input: standard input

Output: standard output

Mr. X has published his CSE 2322 result. Now he wants to know the highest marks obtained by his students. So, he asked his Teaching Assistant to find out the highest mark and how many students have obtained this mark.

Input Format

There will be **T** test cases in the input and the input will begin with **T**. Each test case will start with a number **N** designating the number of students. This will be followed by **N** integers representing the marks of the students. All marks will be in the range of $[0, 100]$.

Constraints

- $0 < N < 100$
- $0 < T < 20$

Output Format

For each test case print two numbers in a single line separated by a space. First number is the highest marks and second one indicates how many students have obtained this mark.

Sample Input 0

```
2
7
90 85 90 55 75 90 70
6
50 60 70 80 90 100
```

Sample Output 0

```
90 3
100 1
```