Maximum Frequency

Given an array of **n** integers $a_1, a_2,\ldots,a_n$. You have to find the maximum frequency of any integer i.e. the maximum number of occurrence of any integer of the array.

Input

Input starts with an integer T $(1 \le T \le 10)$ – the number of test cases.
First line of each case contains an integers n $(1 \le n \le 1000)$.
The second line contains n integers $a_1, a_2,\ldots,a_n$ $(-10^9 \le a_i \le 10^9)$.

Output

For each case, print the case number and the maximum frequency.

Sample Input	Sample Output
2 5 -1 2 3 -1 -1 3 1 2 3	Case 1: 3 Case 2: 1

In the first case, -1 comes 3 times, which is the maximum frequency.