B. Socks of The Dark

Program:	socks.(cpp|java)
Input:	socks.in
Balloon Color:	Red

Description

You're in trouble! The lights in your bedroom are out and the room is completely dark. Your mission, should you choose to accept it, is to get a pair of socks. You're not much of an organized person, so your sock drawer is a mess and socks are spread around randomly. You've got a lot of different colored socks, and what you need is a pair that has the same color.

In this problem, you are given the number of different colors, followed by the number of socks you have of each color. Your task is to calculate the minimum number of socks you should pick out of your drawer, given that you cannot see what color they are, so that when you leave the room you would have at least two that are of the same color.

Input Format

The input starts with a number T ($1 \le T \le 1{,}000$) that represents the number of test cases in the file. Each test case starts with a line that contains a single integer, which is the total number of colors C ($1 \le C \le 1{,}000$). The following line contains C integers, each representing the number of socks of a unique color C_i ($1 \le C_i \le 10^9$).

Output Format

The output for each test case is in this form:

```
k. M
```

where ***k*** represents the test case number (starting at 1), and ***M*** is the maximum number of socks as described. ***M*** is "Impossible" without the quotes, if no matching socks exist.

Sample Input / Output

socks.in

```
2
2
2 2
2
1 1
```

OUTPUT

```
1. 3
2. Impossible
```