
Swimming

X54833_en

Roger is participating in a programming competition at his university in Barcelona. However, summer is approaching and Roger would much rather go to the beach with his friends than sit in front of a computer all day. Instead of trying to solve the problems, Roger starts thinking about what he will do at the beach when the competition ends.

The first thing Roger will do when he arrives at the beach is go swimming. The beach is divided into several areas, and Roger prefers to swim in an area with few other people. Which area should Roger go to?

Input

An integer $1 \leq N \leq 1000$ denoting the number of test cases. For each test case, an integer $1 \leq A \leq 10000$ denoting the number of areas on the beach, followed by A integers K_1, \dots, K_A denoting the number of people in each area.

Output

For each test case, a single line with an integer representing the area with the fewest people. In case of ties, output the smallest such integer.

Sample input

```
3
5
6 5 5 9 6
8
4 25 3 26 2 36 2 4
10
23 35 53 12 43 53 12 35 26 29
```

Sample output

```
2
5
4
```

Problem information

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