

Above Average



Please note that this is a team event, and your submission will be accepted only as a part of a team, even single member teams are allowed. Please click [here](#) to register as a team, if you have NOT already registered.

Roy was checking the performance of n contestants of his university in CodeSprint. Each of them gained some non-negative integer score. Roy wanted to know the number of people among them who gained an above average score.

Input Format

The first line of input contains t , the number of testcases.

Each of the following t lines starts with an integer n , number of contestants, followed by n space separated integers. The i^{th} integer is the score gained by i^{th} contestant.

Constraints

$$1 \leq t \leq 10^4$$

$$1 \leq n \leq 100$$

None of the scores will exceed 100.

Output Format

For each testcase, print a line containing the number of contestants with above average score in a separate line.

Sample Input

```
3
3 1 2 3
2 2 2
4 8 1 4 2
```

Sample Output

```
1
0
2
```

Explanation

In the first test case, average of scores is 2. Only one contestant has a score more than 2.

In the second test case, average is 2 and none of the contestants have a score greater than that.

In the third test case, average is 3.75, contestants with scores 8 and 4 have above average scores.