Problem 1. Longest non-decreasing subsequence (1 point)

Timelimit: 1 second

Problem Statement

Longest non-decreasing subsequence problem is to find a subsequence of a given sequence in which the subsequence's elements are in sorted order, lowest to highest, and in which the subsequence is as long as possible.
This subsequence is not necessarily contiguous, or unique.
Write a program that find number of longest non-decreasing subsequence.
(note that size of longest non-decreasing subsequence and number of longest non-decreasing subsequence are different.)

Input Statement

First line contains t which is the number of test cases.
First line of each test case contains n which is the size of sequence ($n \leq 1,000$).
And next line contain the input sequence.

Output Statement

For each test case, prints out $number of longest non-decreasing subsequence$ mod 20170429.
Each test case should be separated by a line.

Input Example

```
4
5
1 2 3 4 5
5
1 1 1 1 1
4
1 5 2 6
6
1 3 2 6 5 7
```

Output Example

```
1
1
2 // 15, 26
4 // 1367, 1267, 1357, 1257
```