

## 1790 - The LEK Team

### Description

Lolek, Volek and Molek (the LEK-Team for programming contests) enjoy programming competitions, and of course they love breaks records (not necessarily good results). They want to know how many times they break their own record (the number of points gained in one contest) during the season, but need to focus on skills and therefore you have been appointed to carry out this important task.

They can break either his best (during the contest the team earns strictly more points that he earned on each past contest) or his worst (during the contest the team earns strictly less points that he earned on each past contest) record. This does not apply to the first competition.

### Input specification

The first line contains the single integer **C** ( $1 \leq C \leq 10^4$ ) — the number of contests where the LEK-Team participated.

The next line contains **C** space-separated non-negative integer numbers — they are the points which the coder has earned for each contest, they are given in the chronological order. All points do not exceed  $10^4$ .

### Output specification

The number of times the LEK Team break their own record during his whole history of participating in the contests.

### Sample input

```
8
400 300 200 300 400 100 1000 500
```

### Sample output

```
4
```

### Hint(s)

Source

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## Caribbean Online Judge

Added by	<b>ymondelo20</b>
Addition date	2012-04-09
Time limit (ms)	2500
<b>Test limit (ms)</b>	1000
Memory limit (kb)	130000
Output limit (mb)	64
Size limit (bytes)	30000
Enabled languages	C C# C++ Java Pascal Perl PHP Python Ruby Text