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**Counting problem (1)****P35849\_en**

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Given a sequence of  $n$  integer numbers  $x_1 \dots x_n$ , count how many  $i$ 's, with  $1 \leq i \leq n$ , follow the property

$$|\{j : 1 \leq j \leq n \wedge x_j \leq x_i\}| = i \text{ .}$$

**Input**

The input consists of several cases. Each case begins with  $n$ , followed by the  $n$  integer numbers  $x_1 \dots x_n$ . Assume  $0 \leq n \leq 10^5$ .

**Output**

For each case, print the number of indices  $i$  that fulfill the condition above.

**Sample input 1**

```
4  2 3 5 7
3  -7 -7 -7
2  2 1
```

**Sample output 1**

```
4
1
0
```

**Problem information**

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