Towers

Time limit: 1.0s   **Memory limit:** 256M

Given an array of integers T, representing the heights of towers, print out the number of *good* towers.

A tower is *good* if it is **strictly** greater than the tower to the left of it and is **strictly** smaller than the tower to the right of it. Towers at the start and end of the array cannot be *good*.

Input Specification

You will receive two lines of input. The first will be integer N $(1 \leq N \leq 10^6)$, representing the length of array T.

The next line will contain N space-separated integers.

It is guaranteed that each tower's height is in the range $[-10^9, 10^9]$.

Output Specification

Output the number of *good* towers.

Sample Input 1

```
5
1 3 4 2 5
```

Sample Output 1

```
1
```