## S Number

You are given a set of numbers. The numbers in the set which is only less than the largest number is called an S-Number. For the number set which contains 8 numbers: $3,6,0,-5,7,7,6$, 2. The largest number is 7 . So the S-Number is 6 because it is only less than 7.

## Input

The first line of each case contains a positive integer $n$ that indicates the size of the set. Then $n$ numbers followed, denotes the numbers in the set. The input is terminated by a single line $n=0$. All the numbers in the input will be less than 100 and greater than -100 .

Solution always exist.

## Output

One line contains the S-Number for each case.

## Example

```
Input:
8
360-57762
0
```

Output:
6

