

**Problem H. Amount of elements equal to the maximum**

The sequence consists of natural numbers and ends with the number 0. Determine how many elements of this sequence are equal to its largest element.

Input data

A sequence of integers is introduced, ending with the number 0 (the number 0 itself is not included in the sequence, but serves as a sign of its end).

Output

Print the answer to the problem.

Examples of  
input data

1  
7  
9  
0

output

1

input data

1  
3  
3  
1  
0

output

2

```
void checkMaximum() {
    int number;
    int maxNum = 0;
    int counter = 0;
    while(1) {
        std::cin >> number;
        if (number == 0) {
            break;
        }
        else {
            if (number > maxNum) {
                maxNum = number;
                counter = 0;
            }
            if (maxNum == number) {
                counter++;
            }
        }
    }

    std::cout << "Instances of maximum #: " << counter << std::endl;
}
```

