Problem 66: Positive/Negative

Difficulty: Easy

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Problem Background

Johnny has a fascination with numbers, however Johnny is unable to tell the difference between positive and negative numbers.

Problem Description

Write a program to help Johnny differentiate between positive and negative numbers.

Sample Input

The first line of your program's input, received from the standard input channel, will contain a positive integer representing the number of test cases. Each test case will include:

- A single integer number, where number ≠ 0.

```
4
389
-389
7689
-5
```

Sample Output

For each number your program should print POSITIVE if the number is positive and NEGATIVE if the number is negative.

```
POSITIVE
NEGATIVE
POSITIVE
NEGATIVE
```