

## Problem Statement

Java BigDecimal class can handle arbitrary-precision signed decimal numbers. Lets test your knowledge on them!

You are given  $n$  real numbers, sort them in descending order! Read data from *System.in*.

## Input Format

The first line will consist an integer  $n$ , each of the next  $n$  lines will contain a real number.  $n$  will be at most 200. The numbers can have at most 300 digits!

## Output Format

Print the numbers in descending orders, one number in each line.

## Sample Input

```
5
-100
50
0
56.6
90
```

## Sample Output

```
90
56.6
50
0
-100
```