




Java BigDecimal

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Problem

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Editorial

Java's BigDecimal class can handle arbitrary-precision signed decimal numbers. Let's test your knowledge of them!

Given an array, s , of n real number strings, sort them in descending order — but wait, there's more! Each number must be printed in the exact same format as it was read from stdin, meaning that `.1` is printed as `.1`, and `0.1` is printed as `0.1`. If two numbers represent numerically equivalent values (e.g., `.1` \equiv `0.1`), then they must be listed in the same order as they were received as input).

Complete the code in the unlocked section of the editor below. You must rearrange array s 's elements according to the instructions above.

Input Format

The first line consists of a single integer, n , denoting the number of integer strings.
Each line i of the n subsequent lines contains a real number denoting the value of s_i .

Constraints

- $1 \leq n \leq 200$
- Each s_i has at most 300 digits.

Output Format

Locked stub code in the editor will print the contents of array s to stdout. You are only responsible for reordering the array's elements.

Sample Input

```
9
-100
50
0
56.6
90
0.12
.12
02.34
000.000
```

Sample Output

```
90
56.6
50
02.34
0.12
.12
0
000.000
-100
```

Submissions:16436

Max Score:20

Difficulty: Medium

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Java 7

```
1 ▶ import ↔;
3 class Solution{
4
5     public static void main(String []args){
6         //Input
7         Scanner sc= new Scanner(System.in);
8         int n=sc.nextInt();
9         String []s=new String[n+2];
10        for(int i=0;i<n;i++){
11            s[i]=sc.next();
12        }
13        sc.close();
14
15        //Output
16        for(int i=0;i<n;i++)
17        {
18            System.out.println(s[i]);
19        }
20    }
21
22 }
```

Line: 3 Col: 1

[Upload Code as File](#) ☐ Test against custom input

Run Code

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