Given two floating-point numbers, determine whether the first one is bigger, smaller or the same as the second one. Each floating point number is formatted as

$$[integer\ \ part].[fraction\ \ part]$$

For simplicity, both of the integer part and fraction part of the given floating point numbers will be non-empty, and the integer part will not have leading zeros. However, fraction part can have trailing zeros, so `0.0` is the same as `0.000`.

Input

There will be at most 20 test cases. Each test case contains a single line with two floating-point numbers formatted as above. Each number is a string with no more than 100 characters.

Output

For each test case, print the case number, and one of '`Bigger`', '`Smaller`' and '`Same`'.

Sample Input

```
1.0 2.0
0.00001 0.00000
0.0 0.000
```

Sample Output

```
Case 1: Smaller
Case 2: Bigger
Case 3: Same
```