**The Division Game**

When not playing snooker, Ronnie and Reanne play **The Division Game**. The rules are simple - they think of two numbers and then search for the hidden number within it. The hidden number is created by taking all the digits from the main number, and choosing only those which can divide it. For example, in 12345, the hidden number is 135, because 1, 3 and 5 can divide 12345.

The winner of the game is the one with a higher hidden number.

**Input**

Exactly two lines:

* Ronnie's number
* Reanne's number

**Output**

Exactly one line:

* if there's a winner {winner} {winner's number}
* if there's a tie: Tie {any of the two numbers}

**Constraints**

* 1 < number < 9999999
* there will always be a hidden number (no input such as 223)

**Sample tests**

**Input**

124

214

**Output**

Ronnie 124

**Input**

12345

4648

**Output**

Reanne 448

**Input**

1264

1284

**Output**

Tie 124