

## Find the Digits: Difference between Shuffled Digits

You are given two numbers **x** and **y** represented as strings. **y** is generated by random shuffling **x** and then adding 0 to n more digits at any random positions.

Create a function that takes in these two numbers (**x** and **y**) as string inputs and returns the newly inserted digit(s) that was/were *added* to **y** in the form of a concatenated string of all the newly added digit(s) in an ascending order. **You must use a set or map data structure from STL to solve the problem.**

**Note:** A single digit can be added more than once in the new number.

### Example 1:

Input: x = "1234", y = "12345"

Output: "5"

Explanation: "5" is the digit that was added.

### Example 2:

Input: x = "8", y = "56981234"

Output: "1234569"

### Constraints:

"x" and "y" > 0

$0 < x.length, y.length \leq 10^8$

$y.length \geq x.length$