Submissions

Description



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1881. Maximum Value after Insertion

Medium ₺ 114 ♀ 29 ♡ Add to List ௴ Share

Solution

You are given a very large integer n, represented as a string, and an integer digit x. The digits in n and the digit x are in the **inclusive** range [1, 9], and n may represent a **negative** number.

You want to **maximize** n **'s numerical value** by inserting x anywhere in the decimal representation of n. You **cannot** insert x to the left of the negative sign.

- For example, if n = 73 and x = 6, it would be best to insert it between 7 and 3, making n = 763.
- If n = -55 and x = 2, it would be best to insert it before the first 5, making n = -255.

Return a string representing the **maximum** value of n after the insertion.

Example 1:

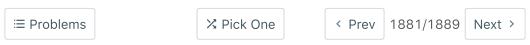
Input: n = "99", x = 9

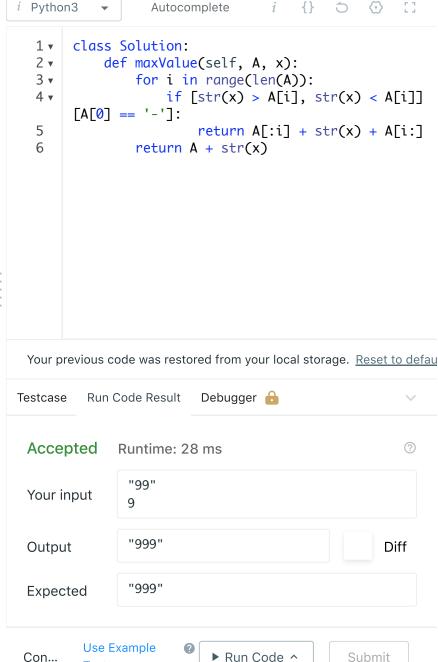
Output: "999"

Explanation: The result is the same regardless of where

you insert 9.

Example 2:





Testcases