You are given a string num consisting of digits only.

Return *the* ***largest palindromic*** *integer (in the form of a string) that can be formed using digits taken from* num. It should not contain **leading zeroes**.

**Notes:**

* You do **not** need to use all the digits of num, but you must use **at least** one digit.
* The digits can be reordered.

**Example 1:**

Input: num = "444947137"  
Output: "7449447"  
Explanation:   
Use the digits "4449477" from "444947137" to form the palindromic integer "7449447".  
It can be shown that "7449447" is the largest palindromic integer that can be formed.

**Example 2:**

Input: num = "00009"  
Output: "9"  
Explanation:   
It can be shown that "9" is the largest palindromic integer that can be formed.  
Note that the integer returned should not contain leading zeroes.

**Constraints:**

* 1 <= num.length <= 105
* num consists of digits.