

Problem 1163: Last Substring in Lexicographical Order

Problem Information

Difficulty: Hard

Acceptance Rate: 34.70%

Paid Only: No

Tags: Two Pointers, String

Problem Description

Given a string `s`, return _the last substring of_ `s` _in lexicographical order_.

Example 1:

Input: s = "abab" **Output:** "bab" **Explanation:** The substrings are ["a", "ab", "aba", "abab", "b", "ba", "bab"]. The lexicographically maximum substring is "bab".

Example 2:

Input: s = "leetcode" **Output:** "tcode"

Constraints:

* `1 <= s.length <= 4 * 105` * `s` contains only lowercase English letters.

Code Snippets

C++:

```
class Solution {
public:
    string lastSubstring(string s) {
    }
```

```
};
```

Java:

```
class Solution {  
    public String lastSubstring(String s) {  
        }  
        }  
}
```

Python3:

```
class Solution:  
    def lastSubstring(self, s: str) -> str:
```