

Problem 2124: Check if All A's Appears Before All B's

Problem Information

Difficulty: Easy

Acceptance Rate: 72.62%

Paid Only: No

Tags: String

Problem Description

Given a string `s` consisting of **only** the characters `'a'` and `'b'`, return `true` **if** every `'a'` appears before every `'b'` in the string. Otherwise, return `false`.

Example 1.

Input: `s = "aaabbb"` **Output:** `true` **Explanation:** The 'a's are at indices 0, 1, and 2, while the 'b's are at indices 3, 4, and 5. Hence, every 'a' appears before every 'b' and we return true.

Example 2.

Input: `s = "abab"` **Output:** `false` **Explanation:** There is an 'a' at index 2 and a 'b' at index 1. Hence, not every 'a' appears before every 'b' and we return false.

Example 3.

Input: `s = "bbb"` **Output:** `true` **Explanation:** There are no 'a's, hence, every 'a' appears before every 'b' and we return true.

Constraints:

`1 <= s.length <= 100` * `s[i]` is either `'a'` or `'b'`.

Code Snippets

C++:

```
class Solution {  
public:  
    bool checkString(string s) {  
  
    }  
};
```

Java:

```
class Solution {  
    public boolean checkString(String s) {  
  
    }  
}
```

Python3:

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