

# Problem 1941: Check if All Characters Have Equal Number of Occurrences

## Problem Information

Difficulty: [Easy](#)

Acceptance Rate: 79.10%

Paid Only: No

Tags: Hash Table, String, Counting

## Problem Description

Given a string `s`, return `true` if `s` is a **good** string, or `false` otherwise.

A string `s` is **good** if **all** the characters that appear in `s` have the **same** number of occurrences (i.e., the same frequency).

**Example 1:**

**Input:** `s = "abacbc"` **Output:** `true` **Explanation:** The characters that appear in `s` are 'a', 'b', and 'c'. All characters occur 2 times in `s`.

**Example 2:**

**Input:** `s = "aaabb"` **Output:** `false` **Explanation:** The characters that appear in `s` are 'a' and 'b'. 'a' occurs 3 times while 'b' occurs 2 times, which is not the same number of times.

**Constraints:**

`1 <= s.length <= 1000` `s` consists of lowercase English letters.

## Code Snippets

**C++:**

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

### Java:

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

### Python3:

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