

# 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:
```