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Problem

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Sherlock considers a string to be valid if all characters of the string appear the same number of times. It is also valid if he can remove just 1 character at 1 index in the string, and the remaining characters will occur the same number of times. Given a string 8, determine if it is valid. If so, return YES, otherwise return NO.

Example

s = abc

This is a valid string because frequencies are $\{a:1,b:1,c:1\}$.

This is a valid string because we can remove one $m{c}$ and have $m{1}$ of each character in the remaining string.

s = abccc

This string is not valid as we can only remove 1 occurrence of c. That leaves character frequencies of $\{a:1,b:1,c:2\}$.

Function Description

Complete the isValid function in the editor below.

isValid has the following parameter(s):

string s: a string

Returns

string: either YES or NO

Input Format

A single string 8.

Constraints

- $1 \le |s| \le 10^5$
- Each character $s[i] \in ascii[a-z]$

Sample Input 0

aabbcd

Sample Output 0

NO

Explanation 0

Given s ="aabbcd", we would need to remove two characters, both c and d \rightarrow aabb or a and b \rightarrow abcd, to make it valid. We are limited to removing only one character, so s is invalid.

Sample Input 1

aabbccddeefghi

Sample Output 1

NO

Explanation 1

Frequency counts for the letters are as follows:

```
{'a': 2, 'b': 2, 'c': 2, 'd': 2, 'e': 2, 'f': 1, 'g': 1, 'h': 1, 'i': 1}
```

There are two ways to make the valid string:

- Remove 4 characters with a frequency of 1: {fghi}.
- Remove 5 characters of frequency 2: {abcde}.

Neither of these is an option.

Sample Input 2

abcdefghhgfedecba

Sample Output 2

YES

Explanation 2

All characters occur twice except for e which occurs a times. We can delete one instance of a to have a valid string.

```
Change Theme Language C#
                                                                                                 10
using System.CodeDom.Compiler;
using System.Collections.Generic;
   using System.Collections;
3
    using System.ComponentModel;
4
    using System.Diagnostics.CodeAnalysis;
6
    using System.Globalization;
7
    using System.IO;
    using System.Linq;
8
9
    using System.Reflection;
10
    using System.Runtime.Serialization;
11
    using System.Text.RegularExpressions;
12
    using System.Text;
13
    using System;
14
15
    class Result
16
17
18
          * Complete the 'isValid' function below.
19
20
          \star The function is expected to return a STRING.
21
          * The function accepts STRING s as parameter.
22
23
24
        public static string isValid(string s)
25
26
            var groups = s.GroupBy(c => c);
27
                                                                                                     Line: 54 Col: 1
```

 Run Code

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