10.5.2018 HackerRank



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Sherlock and the Valid String ☆

Submissions

Sherlock considers a string to be valid if it all characters of the string appear the same number of times. It is also valid if he can remove just $\mathbf 1$ character at $\mathbf 1$ index in the string, and the remaining characters will occur the same number of times. Given a string $\mathbf s$, determine if it is

Leaderboard

Discussions

For example, if s=abc, it is a valid string because frequencies are $\{a:1,b:1,c:1\}$. So is s=abcc because we can remove one c and have c0 of each character in the remaining string. If c1 of each character in the remaining string. If c3 of each character in the remaining string. If c3 of each character in the remaining string. If c3 of each character in the remaining string. If c4 of each character in the remaining string. If c5 of each character in the remaining string. If c5 of each character in the remaining string.

Input Format

A single string 8.

Constraints

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

Output Format

Print YES if string **s** is *valid*, otherwise, print NO.

Sample Input 0

aabbcd

Sample Output 0

NO

Explanation 0

We would need to remove two characters, both $\, \mathbf{c} \,$ and $\, \mathbf{d} \,$, from $\, \mathbf{s} = \, \mathbf{"aabbcd"} \,$ to make it valid. We are limited to removing only one character, so $\, \mathbf{s} \,$ is $\,$ invalid.

Sample Input 1

aabbccddeefghi

Sample Output 1

NO

Explanation 1

Frequency counts for the letters are as follows:

There are **4** characters with a frequency of **1** that would need to be removed: **{fghi}**. If only one of those **4** had been in the string, it would have been valid.

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Difficulty Medium
Max Score 35
Submitted By 28705

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```
K N W
                                           Java 7
 Current Buffer (saved locally, editable) 2 5
  2 import java.util.*;
     import java.text.*;
  3
  4
     import java.math.*;
     import java.util.regex.*;
  5
  6
  7 ▼ public class Solution {
  8
          static String isValid(String s){
  9 ▼
  10
              // Complete this function
  11
  12
          public static void main(String[] args) {
 13 ▼
             Scanner in = new Scanner(System.in);
 14
              String s = in.next();
 15
             String result = isValid(s);
 16
  17
              System.out.println(result);
  18
          }
 19 }
                                                                Line: 1 Col: 1
1 Upload Code as File
                  Test against custom input
                                                 Run Code
                                                                Submit Code
```

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