All Tracks > Basic Programming > Input/Output > Basics of Input/Output > Problem

● Zoos

Attempted by: **15877** / Accuracy: **91%** / Maximum Score: **10** /
★★★★☆ 632 Votes

Tag(s): Basic Programming, Basics of Input/Output, Input/Output

PROBLEM   EDITORIAL   MY SUBMISSIONS   ANALYTICS

You are required to enter a word that consists of x and y that denote the number of **Z**s and **O**s respectively. The input word is considered similar to word **zoo** if $2 \times x = y$.

Determine if the entered word is similar to word **zoo**.

For example, words such as **zzoooo** and **zzzooooooo** are similar to word **zoo** but not the words such as **zzooo** and **zzzooooo**.

Input format

- First line: A word that starts with several **Z**s and continues by several **O**s.
  Note: The maximum length of this word must be 20.

Output format

Print **Yes** if the input word can be considered as the string **zoo** otherwise, print **No**.

SAMPLE INPUT 🔗 📑	SAMPLE OUTPUT 🔗 📑
ZZZOOOOOO	Yes

Explanation

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Time Limit:	0.5 sec(s) for each input file.
Memory Limit:	256 MB
Source Limit:	1024 KB
Marking Scheme:	Marks are awarded when all the testcases pass.
Allowed Languages:	Bash, C, C++, C++14, Clojure, C#, D, Erlang, F#, Go, Groovy, Haskell, Java, Java 8, JavaScript(Rhino), JavaScript(Node.js), Julia, Kotlin, Lisp, Lisp (SBCL), Lua, Objective-C, OCaml, Octave, Pascal, Perl, PHP, Python, Python 3, R(RScript), Racket, Ruby, Rust, Scala, Swift, Swift-4.1, TypeScript, Visual Basic

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LIVE EVENTS

BEST SUBMISSIONS

LANGUAGE: `C (gcc 5.4.0)`

🕐 TIME (sec)   📋 MEMORY (KiB)
0.60315   **64**

by official

VIEW BEST SUBMISSION   VIEW ALL SUBMISSION

CONTRIBUTOR

AUTHOR
Amirreza Poorakhavan

TESTER
Amirreza Poorakhavan

THIS PROBLEM WAS ASKED IN

h   CHALLENGE NAME
     November Circuits '19   ⌄

SOCIAL SHARE

f   🐦   in

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CODE EDITOR

Enter your code or Upload your code as file.

Save   C++14 (g++ 5.4.0)

```
1    #include<iostream>
2
3    using namespace std;
4
5    int main(){
6        ios_base::sync_with_stdio(false);
7        cin.tie(NULL);
8        string str;
9
10       getline(cin, str);
11       int length = str.length();
12       int x=0,y=0;
13
14       for(int i=0;i<length;i++){
15           char temp = str[i];
16           if(temp == 'z' ){
17               x++;
18           }
19           else if(temp == 'o' ){
20               y++;
21           }
22       }
23       if(2*x == y){
24           cout<<"Yes";
25       }else{
26           cout<<"No";
```
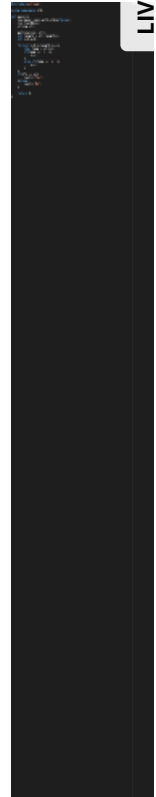
1:1 vscode

⊡ Provide custom input

COMPILE & TEST   SUBMIT

Your Rating:

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PROGRAMMERS WHO SOLVED THIS PROBLEM ALSO SOLVED

Minimize Cost

Attempted By: **4934** / Accuracy: **63**

Magical Word

Attempted By: **21041** / Accuracy: **40**

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Number Of Steps

Attempted By: **2040** / Accuracy: **90**

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