

I M14 - Star Strings

Problem

Submissions

Leaderboard

Discussions

We consider a word, w , to be *beautiful* if the following two conditions are satisfied:

- No two consecutive characters are the same.
- No two consecutive characters are in the following vowel set: `a, e, i, o, u, y`. Note that we consider `y` to be a vowel in this challenge.

For example:

A Beautiful Word

batman

Non-Beautiful Words

apple beauty

The string `batman` is beautiful because it satisfies the given criteria; however, `apple` has two consecutive occurrences of the same letter (`pp`) and `beauty` has three consecutive vowels (`eau`), so those words are not beautiful.

Given w , print `Yes` if it is beautiful or `No` if it is not.

Input Format

A single string denoting w .

Constraints

$1 \leq \text{strlen}(w) \leq 100$ w contains only alphabets a-z (lowercase).

Output Format

Print "Yes" if it is beautiful otherwise "No".

Sample Input 0

```
abacaba
```

Sample Output 0

```
Yes
```

Explanation 0

Every pair of consecutive characters consists of one vowel and one consonant, so the word is beautiful and we print Yes.

Sample Input 1

```
badd
```

Sample Output 1

```
No
```

Explanation 1

There are two consecutive occurrences of d, so it is not beautiful and we print No.

Sample Input 2

```
yes
```

Sample Output 2

```
No
```

Explanation 2

The first pair of letters (y and e) both appear in our set of vowel characters, so the word is not beautiful and we print No.



Contest ends in **2 days**

Submissions: [334](#)

Max Score: 50

Difficulty: Easy

Rate This Challenge:



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Current Buffer (saved locally, editable)

C++14

```
1 #include <cmath>
2 #include <cstdio>
3 #include <vector>
4 #include <iostream>
5 #include <algorithm>
6 using namespace std;
7
8
9 int main() {
10     /* Enter your code here. Read input from STDIN. Print output to STDOUT */
11     return 0;
12 }
13
```

Line: 1 Col: 1

[Upload Code as File](#) ☐ Test against custom input

Run Code

Submit Code