Time limit: 1.0s Memory limit: 512M

A word is considered *pronounceable* if it consists of letters alternating between vowels and consonants. Given a word, determine whether it is pronounceable.

The letters (aeiou) are vowels, while the rest are consonants.

Constraints

For all test cases:

• The word length will not exceed 1 000 characters.

Note: You must pass all test cases in order to earn points on this problem.

Input Specification

The first and only line contains a single word containing only lowercase letters.

Output Specification

Output YES if the word is pronounceable. Otherwise, output NO.

Sample Input 1

bananas

Sample Output 1

YES

Sample Input 2

cheerio

Sample Output 2

NO