

Problem H: Vowel Count

Filename: vowel
Timelimit: 1 second

Dr. Orooji noticed that his name has more vowels than consonants. Since he likes meeting people like himself, he has asked you to write a program to help him identify such names. Given a name, determine whether or not it has more vowels than consonants. For the purposes of this question, the vowels are “aeiou”.

Input

The input consists of a single string of lowercase letters with a length in between 1 and 20, inclusive.

Output

On a single line, output 1, if the input name has more vowels than consonants, and 0, otherwise.

Samples

Input	Output
ali	1
orooji	1
arup	0
guha	0
travis	0
meade	1