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STUDENT REPORT

DETAILS

Vadlamudi sudheer

Roll Number √

22BI24ME485-T

EXPERIMEN

Title

VOWEL REPETITION PROBLEM

Description

Given a string s print the most frequent vowel that is present in the string as a output.

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Input Format:

A single line containing the string s.

The input will be read from the STDIN by the candidate

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Output Format:

Print a single character which represents the most frequent vowel in the given string.

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Example:

Input:

helloworld

Output:

0

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```
def most_frequent_vowel(s):
        vowels='aeiou'
        count={v: 0 for v in vowels}
        for char in s.lower():
            if char in count:
                count[char]+=1
        most_frequent=None
        max_count=0
        for vowel in vowels:
            if count[vowel]>max_count:
                max_count=count[vowel]
                most_frequent=vowel
        if most_frequent is None:
            return None
        return most_frequent
    input_string=input().strip()
    result=most_frequent_vowel(input_string)
    if result:
        print(result)
RESULT
 5 / 5 Test Cases Passed | 100 %
```