



STUDENT REPORT

DETAILS

Name

VISHNUTEJA M

Roll Number

KUB23ECE037

EXPERIMENT

Title

VOWEL REPETITION PROBLEM

Description

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

Input Format:

A single line containing the string s.

The input will be read from the STDIN by the candidate

Output Format:

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

Example:

Input:

helloworld

Output:

o

Source Code:

```
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 %