



# STUDENT REPORT

## DETAILS

Name

SHAGUFTHA NIKHAR

Roll Number

3BR23CD087

## 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 = 'aeiouAEIOU'  
    frequency = {}  
  
    for char in s:  
        if char in vowels:  
            frequency[char] = frequency.get(char,0) + 1  
  
    if not frequency:  
        return "NO vowels found"  
  
    most_frequent = max(frequency, key=frequency.get)  
    return most_frequent  
  
s = input()  
print(most_frequent_vowel(s))
```

### RESULT

5 / 5 Test Cases Passed | 100 %