# STUDENT REPORT

## DETAILS

### Name

PALAK YADAV

### Roll Number

3BR23AI116

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

## RESULT

5 / 5 Test Cases Passed | 100 %

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