



# STUDENT REPORT

## DETAILS

**Name**

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**Roll Number**

3BR23CD030

## 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

38k

003~

9R23~

303~300

300038k

38R~003

0030~