TIE

SEO

18 P

1823



STUDENT REPORT

DETAILS

Name

B SHRINIVAS

Roll Number

KUB23CSE018

EXPERIMENT

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

Output Format:

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

Example:

Input:

8 1 1823

helloworld

Output:

ASBARAS ARTHUR CORD OF SHIPE S 18 KUR23C5E0 18 KU W1823C5E018 KU1823C5E018 KU1825C5E018 KU1825 KUB23CSE018 KUB23CSE018 KUP 0e411er* KUB23C5E018 KUB23C5E018 KUB23C5 KUB23C5E018 KUB23C KUB23C5E018 KUB23C5E018 £11823C5E01 - ILLUMB KARD BE SULTH BE LARD BE SULTH BE

```
KUB23CSE018-Vowel Repetition Problem
    def most_frequent_vowel(s):
        vowels = 'aeiou'
        count = {v: 0 for v in vowels}
        # Count occurrences of each vowel
        for char in s.lower(): # Convert to lowercase for case insensitivity
            if char in count:
                count[char] += 1
        # Find the most frequent vowel
        most_frequent = None
        max\_count = 0
        for vowel, freq in count.items():
            if freq > max_count:
                max_count = freq
                most_frequent = vowel
            elif freq == max_count and most_frequent is not None:
                # In case of a tie, choose the first one encountered
                continue
        if most_frequent is not None:
            print(most_frequent)
        else:
            print("") # If no vowels were found, print an empty line
    # Example usage:
    input_string = input().strip() # Read input
    most_frequent_vowel(input_string)
RESUL
  5 / 5 Test Cases Passed | 100 %
```