![Logo]

STUDENT REPORT

DETAILS

Name

MOHAMMED FURKHAN

Roll Number

KUB23CSE085

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:

```python
def most_frequent_vowel(s):
    vowels = "aeiou"
    counts = {vowel: 0 for vowel in vowels}

    # Count the vowels in the string
    for char in s.lower():
        if char in counts:
            counts[char] += 1

    # Find the most frequent vowel
    most_frequent = None
    max_count = 0

    for vowel, count in counts.items():
        if count > max_count:
            max_count = count
            most_frequent = vowel

    # Output the most frequent vowel
    print(most_frequent)

# Example usage
if __name__ == "__main__":
    input_string = input().strip()  # Read input
    most_frequent_vowel(input_string)
```

RESULT

5 / 5 Test Cases Passed | 100 %