

### Aim:

Write a Python program to count the number of vowels in a given string without using control flow statements.

### **Input Format:**

The program should prompt the user to enter a string.

### **Output Format:**

Display the number of vowels present in the entered string.

### Source Code:

`vowel.py`

```
def count_vowels(s):
    vowels='aeiouAEIOU'
    return sum(s.count(vowel)for vowel in vowels)
if __name__ == "__main__":
    input_string = input().strip()
    print(count_vowels(input_string))
```

### Execution Results - All test cases have succeeded!

Test Case - 1
User Output
BCDFGHJKL
0

Test Case - 2
User Output
CodeTantra
4

Test Case - 3
User Output
Python Programming
4