

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(1 for char in s if char in vowels)
n=input()
vowel_count=count_vowels(n)
print(vowel_count)
```

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
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