

C (gcc 6.3)



Code gets autosaved every second

```
1 #include <stdio.h>
2
3 int main()
4 {
5     char str[100];
6     int i, vowels, consonants;
7     i = vowels = consonants = 0;
8
9     printf("\n Please Enter any String : ");
10    gets(str);
11
12    while (str[i] != '\0')
13    {
14        if(str[i] == 'a' || str[i] == 'e' || str[i] ==
            str[i] == 'u' ||
15        str[i] == 'A' || str[i] == 'E' || str[i] == '
            str[i] == 'U')
16        {
17            vowels++;
18        }
19        else
20            consonants++;
21        i++;
    }
```

0:0

Open File

Custom Input

Kartik

Status Successfully executed Date 2020-06-19 10:59:49 Time 0 sec

Input

Kartik

Output

Please Enter any String :  
Number of Vowels in this String = 2  
Number of Consonants in this String = 4

## Algorithm

1. Start

2. Input string

3. while (str[i] != '\0')

if (str[i] == 'a' || str[i] == 'e' || str[i] == 'i' || str[i] == 'o'  
|| str[i] == 'u' || str[i] == 'A' || str[i] == 'E' || str[i] == 'I'  
|| str[i] == 'O' || str[i] == 'U')

vowels ++

else

consonants ++

i ++

4. Prints vowels and consonants.

5. stop

## Flowchart

