

C Program to count no. of vowels & consonants

Algorithm: \rightarrow

Step 1: Start

Step 2: input $i=0$; vowels=0, consonants=0.

Step 3: input string

Step 4: 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')
```

```
{  
    vowel++  
}
```

```
else  
{
```

```
    consonant++  
}
```

```
i++
```

```
}
```

Step 5: Repeat step 4 until condition becomes false

Step 6: Print no. of vowels & no. of consonants.

Step 7: return 0

Step 8: Stop

Ques: Count 10

