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Algorithm

Step1: Start

Step2: Input Str

Step3: len = Strlen(str)

Step 4: Repeat For i=0 to len-1

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')

vcount++

Else

ccount++

Step5: Display vowel count

output vcount

Step6: Display consonant count

output ccount

Step7: Stop

Flowchart

```
                    ( Start )
                        │
                        ▼
                /  Input Str  /
                        │
                        ▼
            ┌───────────────────────┐
            │   len = strlen(Str)   │
            └───────────────────────┘
                        │
                        ▼
        ◁────────────────────────────────▷        True
          for(i=0; i< len; i++)
                        │
                        ▼
        False        ◇ if(str[i]=='a'||        True
    ┌──────────┐     str[i]=='e'||str[i]==
    │ ccount++ │     ||str[i]=='o'||str[i]==      ┌──────────┐
    └──────────┘     ||str[i]=='A'||str[i]==      │ vcount++ │
                     E'||str[i]==                 └──────────┘
                     str[i]='o'||
                        │
                        ▼
            /  Vowel count        /
            /  output vount       /
                        │
                        ▼
            /  consonants count   /
            /  output ccount      /
                        │
                        ▼
                    ( Stop )
```