To Count number of vowels &
consonants.

Algorithm

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] == 'v' || str [i] == 'A' ||
str[i] == 'E' || str [i] == 'z' || str [i]
== 'o' || str [i] == 'v')
{

vowels ++
}
else
{

consonants ++
}
i ++
}

Step 5. Repeat 4 until condi? becomes false
Step 6. print number of vowels & number of
consonants
Step 7. return 0
Step 8. stop

Flow chart :

```
                    ┌──────────┐
                    │  start   │
                    └────┬─────┘
                         ▼
        /  i = 0 ; vowel = 0 ; consonant = 0 /
                         ▼
            /  input   string  /
                         ▼
                    ◇ while
                    (str[i] =
                      '\0')  ◇
                         │ True
                         ▼
  if (str[i] = 'a' || str [i] == 'e' || str[i] == 'i' || str[i]
  == 'o' || str [i] == 'i' || str [i] = 'A' ||
  str[i] == 'E' || str[i] == 'B' || str[i] = 'u' )
              │ true                    │
              ▼                         ▼
      [ Vowels + + ]          [ consonants + + ]
                    │
                    ▼
               [  i + +  ]
                    ▼
      /  print number   of  vowels  /
                    ▼
      /  print  number  of  consonants  /
                    ▼
            [  return  0  ]
                    ▼
              ┌──────────┐
              │   stop   │
              └──────────┘
```