```
1   %{
2   #include<stdio.h>
3   int vcount=0;
4   int ccount=0;
5   %}
6
7   %%
8   [aeiouAEIOU] {vcount++; printf("%s is a vowel\n",yytext);}
9   [a-zA-Z] {ccount++; printf("%s is a consonant\n",yytext);}
10
11  "\n" {printf("Vowel count: %d\nConsonant count: %d", vcount,ccount); vcount =
    0 ;ccount=0;}
12  [\t\n];
13  <<EOF>> {
14          return 0; }
15
16  %%
17
18  int main()
19  {
20          printf("Enter string: ");
21          yylex();
22  }
23
24  int yywrap()
25  {
26          return 1;
27  }
28
```