```
%{
    #include <stdio.h>
    int vow_count = 0;
    int const_count = 0;
%}
%%
[aeiouAEIOU]            { vow_count++; }
[a-zA-Z]                { const_count++; }
.|\n                    { /* Ignore everything else */ }
%%
int yywrap(void) {
    return 1;
}
int main() {
    printf("Enter the string:\n");
    yylex();   // Read from standard input
    printf("\nNumber of vowels are: %d\n", vow_count);
    printf("Number of consonants are: %d\n", const_count);
    return 0;
}
```

```
Microsoft Windows [Version 10.0.26100.6584]
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C:\Users\manoj>set path=C:\Users\manoj\Documents\GnuWin32\bin

C:\Users\manoj>flex vowelscons.l.txt

C:\Users\manoj>set path=C:\Users\manoj\Documents\MinGW\bin

C:\Users\manoj>gcc lex.yy.c

C:\Users\manoj>a
Enter the string:
Vowel sounds allow the air to flow freely, causing the chin to drop noticeably, whilst consonant sounds are produced by restricting t
he air flow^Z

^Z

Number of vowels are: 42
Number of consonants are: 77
```