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## Lab Cycle 2 - Experiment 5

Write a lex program to find out total number of vowels and consonants from the given input string.

### Code:

```
%{
    int vow_count=0;
    int const_count =0;
}%
%%
[aeiouAEIOU] {vow_count++;}
[a-zA-Z] {const_count++;}
\n return 0;
%%
int yywrap(){}

int main() {
    printf("Enter the string of vowels and consonants: ");
    yylex();
    printf("Number of vowels are: %d\n", vow_count);
    printf("Number of consonants are: %d\n", const_count);
    return 0;
}
```

### Output:

```
● → Vowels git:(master) x lex vowels.l
● → Vowels git:(master) x cc lex.yy.c -lfl
● → Vowels git:(master) x ./a.out
Enter the string of vowels and consonants: Hello World
Number of vowels are: 3
Number of consonants are: 7
○ → Vowels git:(master) x _
```