

```
exe_3  exe_6.l  exe_1.6.l  192224104.4.  exe_1.  X  +  -  □  X
File  Edit  View  ⚙️

%{
#include <stdio.h>
#include <string.h>

int vowels = 0;
int consonants = 0;
%}

%%
[a-zA-Z]    {
    if (strchr("aeiouAEIOU", yytext[0]) != NULL) {
        vowels++;
    } else {
        consonants++;
    }
}
.           ; // Ignore non-alphabetic characters
%%

int yywrap() {
    return 1;
}

int main() {
    yylex();
    printf("Number of vowels: %d\n", vowels);
    printf("Number of consonants: %d\n", consonants);
    return 0;
}

Ln 30, Col 1  512 characters  100%  Windows (CRLF)  UTF-8
```

```
Command Prompt  X  +  -  □  X

flex: can't open exe_6.l

C:\cd lab>flex exe_6.l
flex: can't open exe_6.l

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flex: can't open exe_6.l

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flex: can't open exe_6.l

C:\cd lab>flex exe_6.l
flex: can't open exe_6.l

C:\cd lab>flex exe_1.6.l

C:\cd lab>gcc lex.yy.c

C:\cd lab>a.exe exe_1.6.l
12347
positive number = 12347

^Z
number of positive numbers = 1,number of negative numbers = 0

C:\cd lab>flex exe_1.4.l

C:\cd lab>gcc lex.yy.c

C:\cd lab>a.exe exe_1.4.l
pradeepthi

ankitha

^Z
Number of vowels: 7
Number of consonants: 10

C:\cd lab>
```