

Code:

| %{ #include <stdio.h> #include <ctype.h>  int num\_lines = 0; int num\_spaces = 0; int num\_tabs = 0; int num\_words = 0; int num\_chars = 0;  char \*input\_string = "Geeks for Geeks\ngfg gfg\n";  %}  %%  \n { num\_lines++; } [ \t]+ {   num\_spaces += yyleng;   if (yytext[0] == '\t') num\_tabs++;   } [A-Za-z]+ { num\_words++; } [0-9]+ { num\_chars += yyleng; } . { num\_chars++; }  %%  int main() {  printf("Input String:\n%s\n", input\_string);   yy\_scan\_string(input\_string);  yylex();   printf("Number of lines: %d\n", num\_lines);  printf("Number of spaces: %d\n", num\_spaces);  printf("Number of tabs: %d\n", num\_tabs);  printf("Number of words: %d\n", num\_words);  printf("Number of characters: %d\n", num\_chars);   return 0; } |
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