%{

#include <stdio.h>

int commentCount = 0;

%}

%%

"//".\* { commentCount++; } // Single-line comments

"/\*".\*?"\*/" { commentCount++; } // Multi-line comments

.|\n /\* Ignore other characters \*/

%%

int yywrap()

{

return 1;

}

int main() {

FILE \*input;

char file[50];

printf("enter filename=");

scanf("%s",file);

input=fopen(file,"r");

yyin=input;

yylex();

fclose(input);

printf("Number of comments: %d\n", commentCount);

return 0;

}  
  
OUTPUT

