Write a LEX program to count the frequency of the given word in a given sentence.

%{

#include <stdio.h>

#include <string.h>

int count=0;

char word[50];

%}

%%

[a-zA-Z]+ { if(strcmp(yytext, word)==0) count++; }

.|\n ;

%%

int yywrap(){ return 1; }

int main(){

printf("Enter word: ");

scanf("%s", word);

printf("Enter sentence:\n");

yylex();

printf("Frequency of \"%s\" = %d\n", word, count);

return 0;

}

