Download Flex on Windows

Install it

File -> New -> lex

Program

%option noyywrap

%{

#include <stdio.h>

extern FILE \*yyin; // Declare input file pointer

int k = 0; // Counter for keywords

%}

%%

int|float|char {

k++;

printf("Keyword found: %s\n", yytext);

}

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

%%

int main() {

yyin = fopen("input.txt", "r"); // Open input file

if (!yyin) {

printf("Error: Unable to open file input.txt\n");

return 1;

}

yylex(); // Start lexical analysis

printf("Total keywords found: %d\n", k);

fclose(yyin); // Close file

return 0;

}

Save the file in the folder C:\Flex Projects with the extension of .l

Now create the input.txt as follows and save it in the same folder

int a = 10;

float b = 5.5;

char c = 'x';

now execute the program as follows

