%{

#include <stdio.h>

int positiveCount = 0;

int negativeCount = 0;

%}

DIGIT [0-9]

SIGN [+-]?

INTEGER {DIGIT}+

NUMBER {SIGN}{INTEGER}

%%

{NUMBER} {

int num = atoi(yytext);

if (num > 0) {

positiveCount++;

} else if (num < 0) {

negativeCount++;

}

}

.|\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("Positive numbers: %d\n", positiveCount);

printf("Negative numbers: %d\n", negativeCount);

return 0;

}

OUTPUT

