



```
%{
#include <stdio.h>
int positive_no = 0, negative_no = 0;
%}|
%%
-?[0-9]+ {
    if (yytext[0] == '-') {
        negative_no++;
        printf("negative number = %s\n", yytext);
    } else {
        positive_no++;
        printf("positive number = %s\n", yytext);
    }
}

[ \t\n]+ ;
%%
int yywrap() { return 1; }
int main()
{
    printf("Enter a list of numbers :\n");
    yylex();
    printf("\nTotal positive numbers = %d\n", positive_no);
    printf("Total negative numbers = %d\n", negative_no);
    return 0;
}
```



Microsoft Windows [Version 10.0.26100.6584]
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C:\Users\manoj>set path=C:\Users\manoj\Documents\GnuWin32\bin

C:\Users\manoj>flex posneg.l.txt

C:\Users\manoj>set path=C:\Users\manoj\Documents\MinGW\bin

C:\Users\manoj>gcc lex.yy.c

C:\Users\manoj>a

Enter a list of numbers :

12 -5 20 -99 0 33

positive number = 12

negative number = -5

positive number = 20

negative number = -99

positive number = 0

positive number = 33

^Z

Total positive numbers = 4

Total negative numbers = 2