

CODE

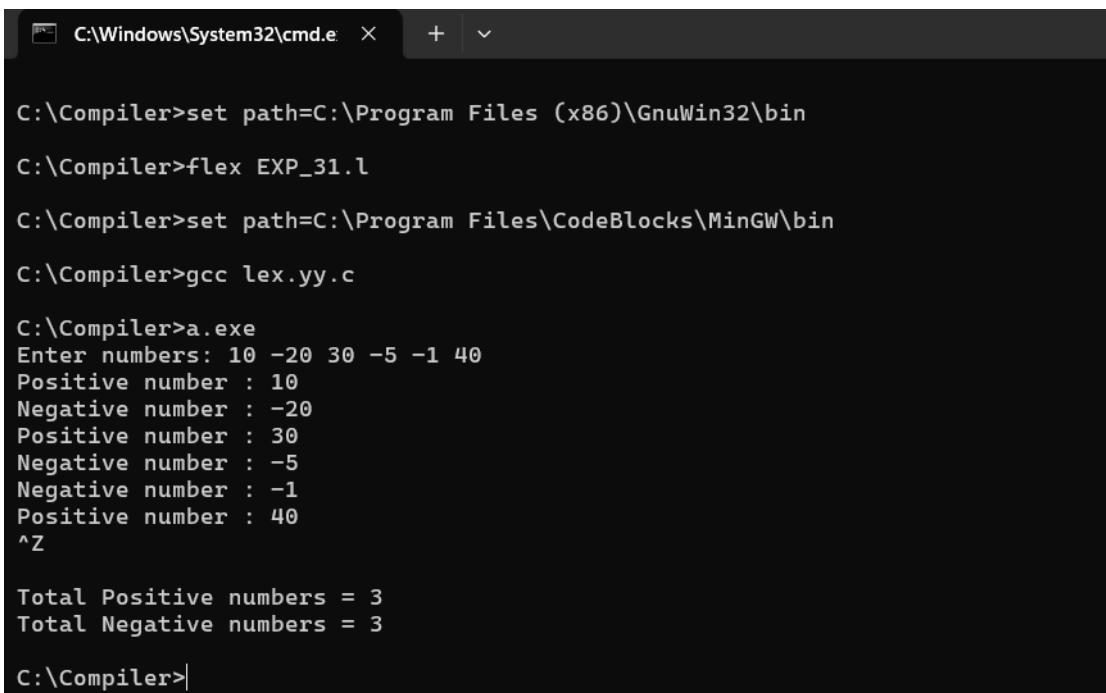
```
%{
#include <stdio.h>
int pos=0, neg=0;
}%

%%
[-][0-9]+      { neg++; printf("Negative number : %s\n", yytext); }
[0-9]+        { pos++; printf("Positive number : %s\n", yytext); }
[ \t\n]+      ;    /* ignore spaces */
.              ;    /* ignore anything else */
%%

int yywrap() { return 1; }

int main() {
    printf("Enter numbers: ");
    yylex();
    printf("\nTotal Positive numbers = %d", pos);
    printf("\nTotal Negative numbers = %d\n", neg);
    return 0;
}
```

SCREENSHOT



```
C:\Windows\System32\cmd.e  X  +  v

C:\Compiler>set path=C:\Program Files (x86)\GnuWin32\bin
C:\Compiler>flex EXP_31.l
C:\Compiler>set path=C:\Program Files\CodeBlocks\MinGW\bin
C:\Compiler>gcc lex.yy.c
C:\Compiler>a.exe
Enter numbers: 10 -20 30 -5 -1 40
Positive number : 10
Negative number : -20
Positive number : 30
Negative number : -5
Negative number : -1
Positive number : 40
^Z

Total Positive numbers = 3
Total Negative numbers = 3
C:\Compiler>
```