

## 36:POSITIVE AND NEGATIVE NO.S LEX PROGRAM:

```
%{
int positive_no = 0, negative_no = 0;
%}
%%
^-[0-9]+ {negative_no++;
          printf("negative number = %s\n",
                yytext);} // negative number

[0-9]+ {positive_no++;
        printf("positive number = %s\n",
              yytext);} // positive number

%%
int yywrap(){}
int main()
{
    yylex();
    printf ("number of positive numbers = %d,"
           "number of negative numbers = %d\n",
           positive_no, negative_no);

    return 0;
}
```

## OUTPUT:



```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.22621.1702]
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C:\CD-Lex Experiments-2>flex pos_neg_nos.l.txt
C:\CD-Lex Experiments-2>gcc lex.yy.c
C:\CD-Lex Experiments-2>a.exe
-15
negative number = -15
25
positive number = 25
number of positive numbers = 1,number of negative numbers = 1
C:\CD-Lex Experiments-2>
```

