

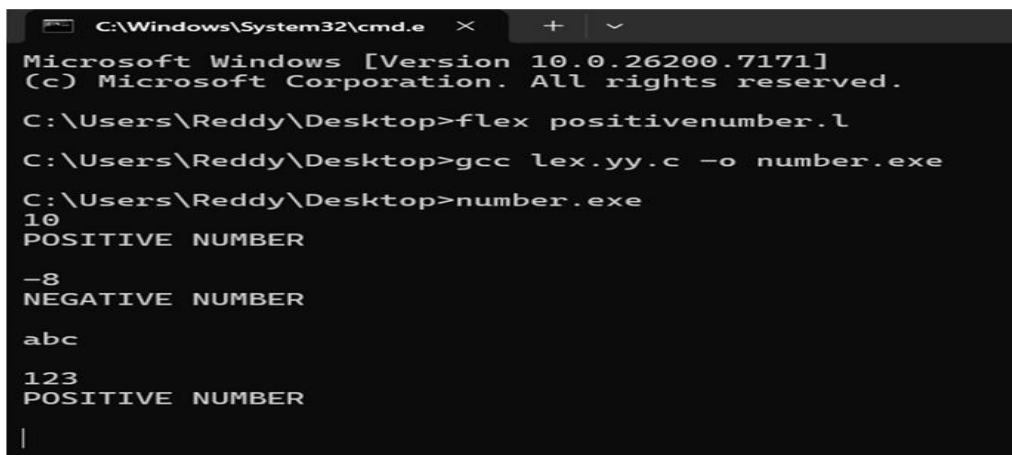
EXP 30-Positive Negative Number

Aim: To write a lexical programming language for finding positive or negative number.

Code:

```
% {  
  
#include <stdio.h>  
  
% }  
  
%option noyywrap  
  
%%  
  
[0-9]+      { printf("POSITIVE NUMBER\n"); }  
-[0-9]+     { printf("NEGATIVE NUMBER\n"); }  
.  
            { /* ignore */ }  
  
%%  
  
int main() {  
    yylex();  
    return 0;  
}
```

Output:



```
C:\Windows\System32\cmd.e  X  +  v  
Microsoft Windows [Version 10.0.26200.7171]  
(c) Microsoft Corporation. All rights reserved.  
C:\Users\Reddy\Desktop>flex positivenumber.l  
C:\Users\Reddy\Desktop>gcc lex.yy.c -o number.exe  
C:\Users\Reddy\Desktop>number.exe  
10  
POSITIVE NUMBER  
-8  
NEGATIVE NUMBER  
abc  
123  
POSITIVE NUMBER  
|
```