

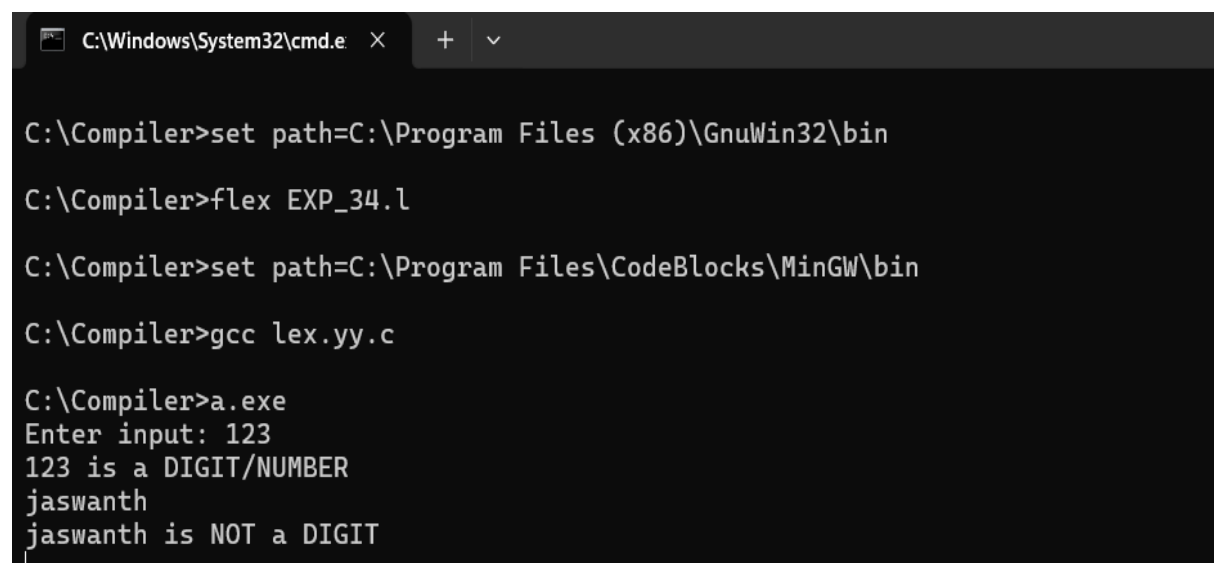
Experiment -34

Develop a lexical Analyzer to identify valid digit or not using lexical program.

Program:

```
%{  
#include <stdio.h>  
%}  
%%  
[0-9]+    { printf("%s is a DIGIT/NUMBER\n", yytext); }  
[a-zA-Z]+ { printf("%s is NOT a DIGIT\n", yytext); }  
.\n      ;  
%%  
int yywrap() { return 1; }  
int main() {  
    printf("Enter input: ");  
    yylex();  
    return 0;  
}
```

Output:



```
C:\Windows\System32\cmd.e  X  +  v  
  
C:\Compiler>set path=C:\Program Files (x86)\GnuWin32\bin  
C:\Compiler>flex EXP_34.l  
C:\Compiler>set path=C:\Program Files\CodeBlocks\MinGW\bin  
C:\Compiler>gcc lex.yy.c  
C:\Compiler>a.exe  
Enter input: 123  
123 is a DIGIT/NUMBER  
jaswanth  
jaswanth is NOT a DIGIT
```