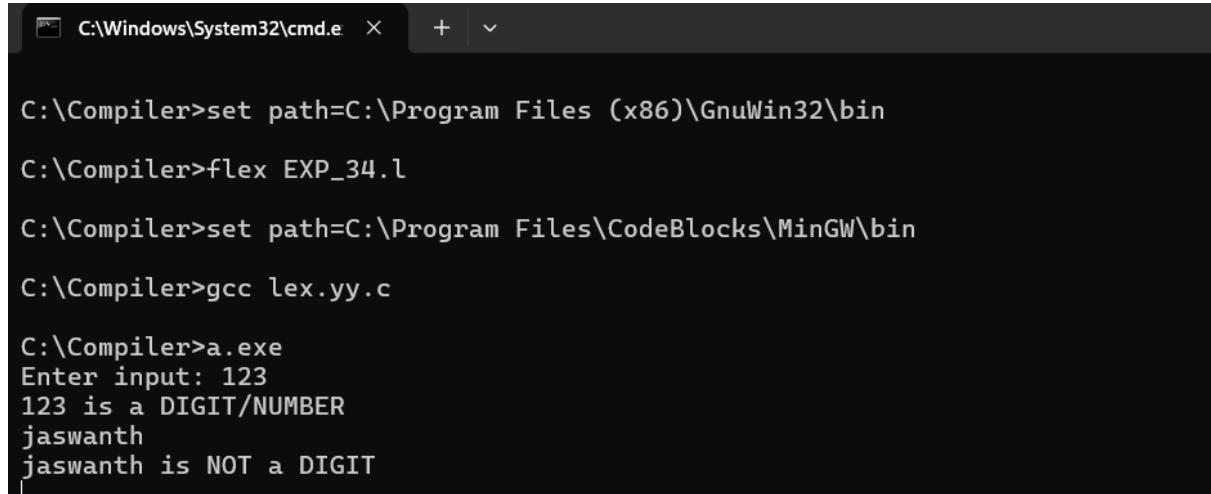


CODE

```
%{  
#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;  
}
```

SCREENSHOT



The screenshot shows a Windows Command Prompt window titled 'C:\Windows\System32\cmd.exe'. The command line shows the setup of the PATH environment variable, compilation of a flex lexer, setting the path again, and compilation of a C program. Finally, it runs the compiled executable 'a.exe' with the input '123', which is identified as a digit/number, and then runs it with the input 'jaswanth', which is identified as not being a digit.

```
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
```