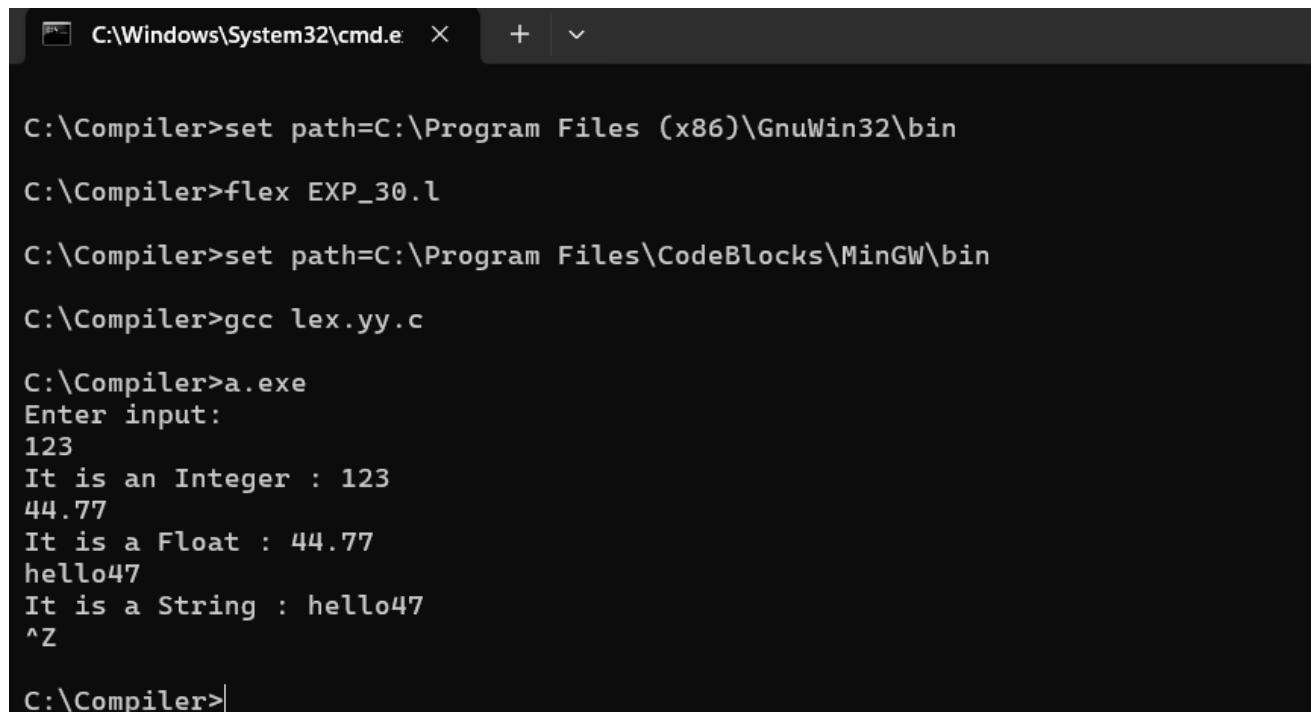


CODE

```
%{  
#include <stdio.h>  
%}  
  
%%  
[0-9]+           { printf("It is an Integer : %s\n", yytext); }  
[0-9]*"."[0-9]+  { printf("It is a Float : %s\n", yytext); }  
[a-zA-Z0-9]+     { printf("It is a String : %s\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.e'. The command history and output are as follows:

```
C:\Compiler>set path=C:\Program Files (x86)\GnuWin32\bin  
C:\Compiler>flex EXP_30.l  
C:\Compiler>set path=C:\Program Files\CodeBlocks\MinGW\bin  
C:\Compiler>gcc lex.yy.c  
C:\Compiler>a.exe  
Enter input:  
123  
It is an Integer : 123  
44.77  
It is a Float : 44.77  
hello47  
It is a String : hello47  
^Z  
C:\Compiler>
```