

## CODE

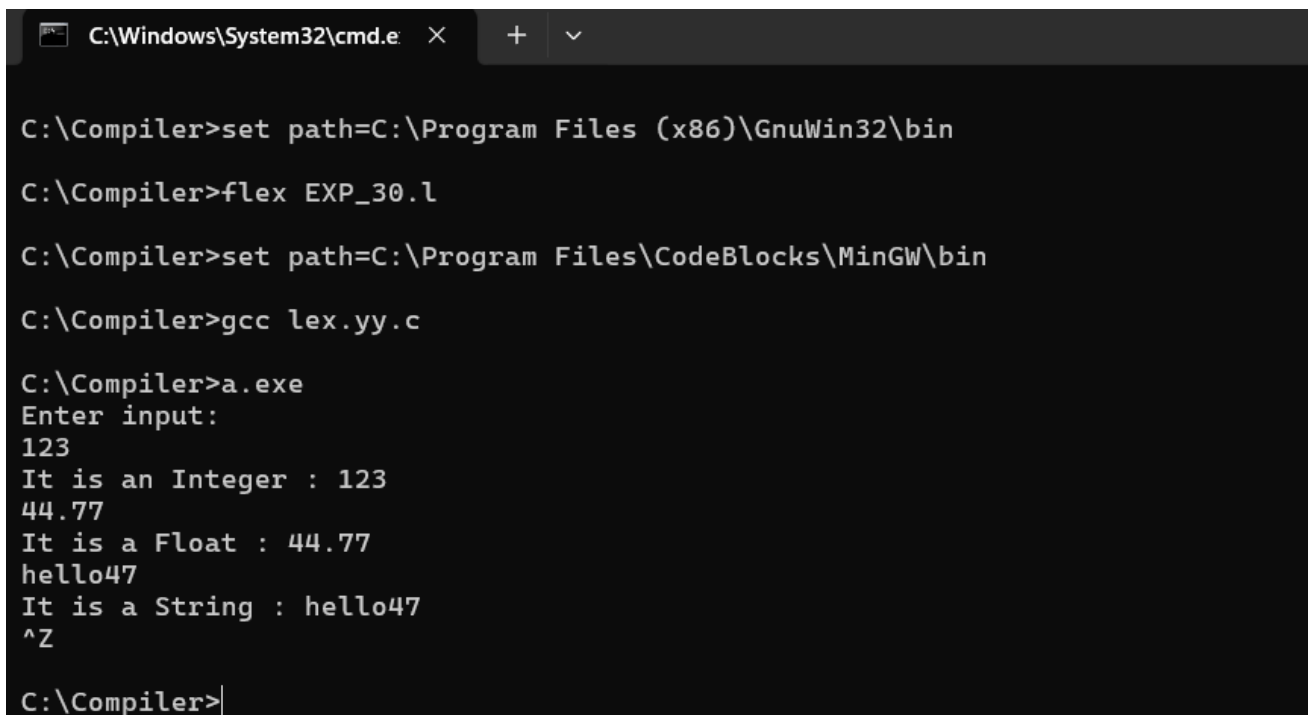
```
%{
#include <stdio.h>
%}

%%
[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



```
C:\Windows\System32\cmd.e  X  +  v

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>
```