

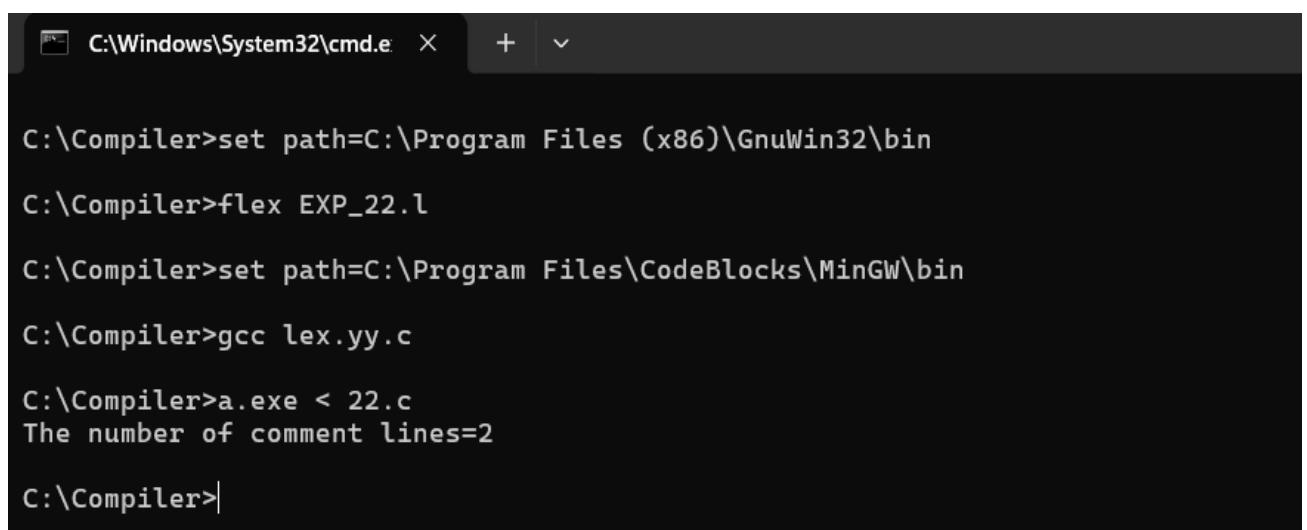
Experiment -22

Develop a lexical Analyzer to print constants using lexical program.

Program:

```
%{  
#include<stdio.h>  
  
int nc=0;  
  
%}  
  
%%%  
  
/*"[a-zA-Z0-9\n\t]*"*/ {nc++;}  
//"[a-zA-Z0-9\t]*"\n {nc++;}  
  
%%%  
  
int yywrap( ){  
  
int main(int argc ,char* argv[]){  
{  
yyin=fopen(argv[1],"r");  
yyout=fopen("output.c","w");  
yylex( );  
printf("The number of comment lines=%d\n",nc);  
}  
}
```

Output:



The screenshot shows a Windows Command Prompt window titled 'C:\Windows\System32\cmd.exe'. The command line history is as follows:

```
C:\Compiler>set path=C:\Program Files (x86)\GnuWin32\bin  
C:\Compiler>flex EXP_22.l  
C:\Compiler>set path=C:\Program Files\CodeBlocks\MinGW\bin  
C:\Compiler>gcc lex.yy.c  
C:\Compiler>a.exe < 22.c  
The number of comment lines=2  
C:\Compiler>
```