

Experiment -25

Develop a lexical Analyzer to add line spaces using lexical program.

Program:

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

int lineno = 1;

%}

%%

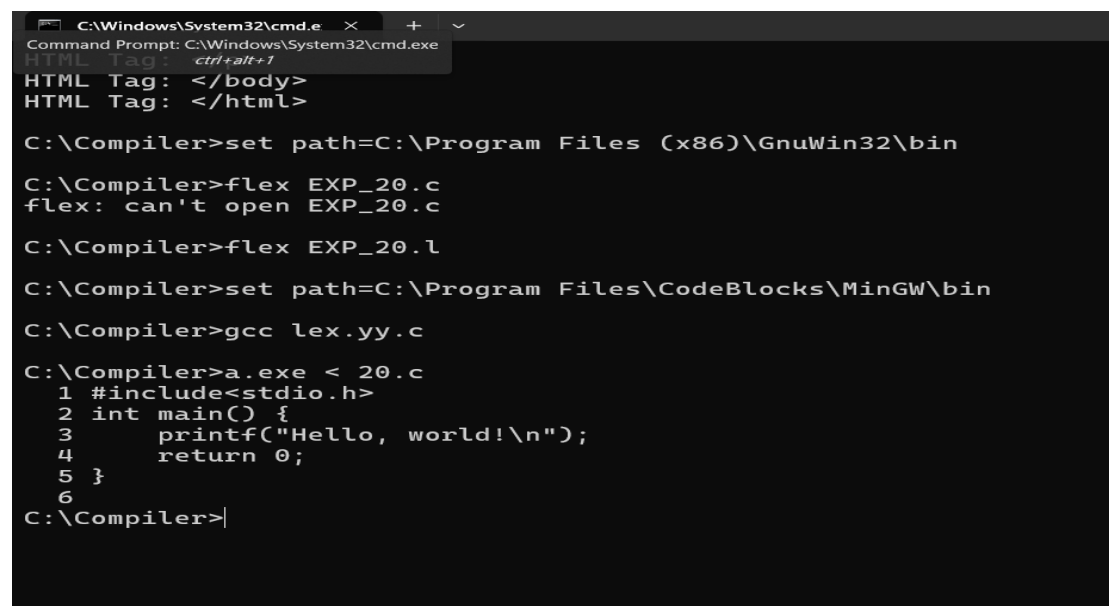
\n      { printf("\n%3d ", ++lineno); }
.        { ECHO; }

%%

int yywrap() { return 1; }

int main() {
    printf("%3d ", lineno);
    yylex();
    return 0;
}
```

Output:



```
C:\Windows\System32\cmd.e  X  +  v
Command Prompt: C:\Windows\System32\cmd.exe
HTML Tag:  ctrl+alt+1
HTML Tag:  </body>
HTML Tag:  </html>

C:\Compiler>set path=C:\Program Files (x86)\GnuWin32\bin

C:\Compiler>flex EXP_20.c
flex: can't open EXP_20.c

C:\Compiler>flex EXP_20.l

C:\Compiler>set path=C:\Program Files\CodeBlocks\MinGW\bin

C:\Compiler>gcc lex.yy.c

C:\Compiler>a.exe < 20.c
1 #include<stdio.h>
2 int main() {
3     printf("Hello, world!\n");
4     return 0;
5 }
6
C:\Compiler>|
```