

CODE

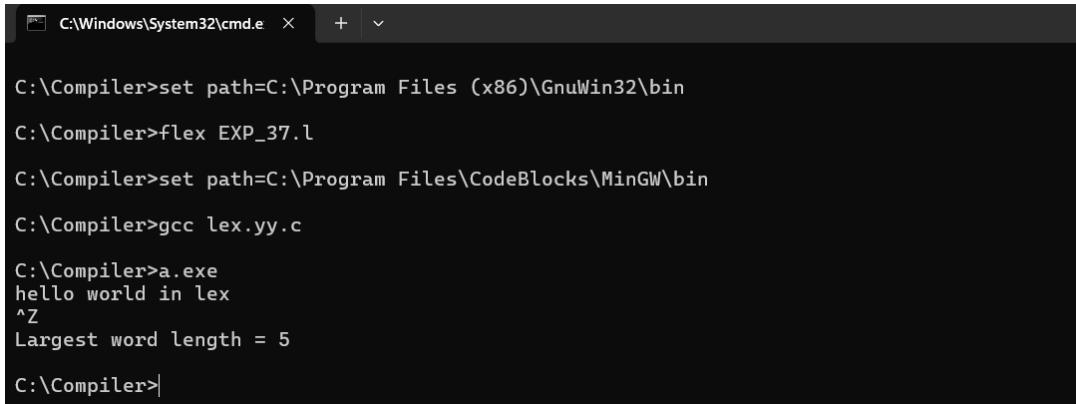
```
%{
#include <stdio.h>
int counter = 0;
%}

%%
[a-zA-Z]+ {
    if (yylen > counter) {
        counter = yylen;
    }
}
.| \n ;
%%

int yywrap(){ return 1; }

int main() {
    yylex();
    printf("Largest word length = %d\n", counter);
    return 0;
}
```

SCREENSHOT



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

```
C:\Compiler>set path=C:\Program Files (x86)\GnuWin32\bin
C:\Compiler>flex EXP_37.l
C:\Compiler>set path=C:\Program Files\CodeBlocks\MinGW\bin
C:\Compiler>gcc lex.yy.c
C:\Compiler>a.exe
hello world in lex
^Z
Largest word length = 5
C:\Compiler>
```