**CODE**

%{

#include <stdio.h>

int nmacro = 0, nheader = 0;

%}

%%

^[ \t]\*"#define" { nmacro++; }

^[ \t]\*"#include" { nheader++; }

.|\n { /\* ignore other characters \*/ }

%%

int yywrap() { return 1; }

int main() {

yylex();

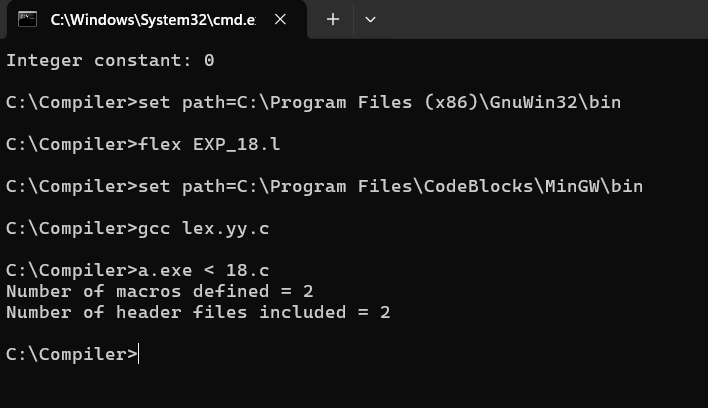
printf("Number of macros defined = %d\n", nmacro);

printf("Number of header files included = %d\n", nheader);

return 0;

}

**SCREENSHOT**

****