**NO OF MACROS AND HEADER FILES**  
%{

int macro\_count = 0;

int header\_count = 0;

%}

%{

#define HEADER\_FILE\_START "<"

#define HEADER\_FILE\_END ">"

#define MACRO\_START "#define"

%}

%%

{MACRO\_START} { macro\_count++; }

{HEADER\_FILE\_START}.\*{HEADER\_FILE\_END} { header\_count++; }

. ;

%%

int main() {

yylex();

printf("Number of Macros defined: %d\n", macro\_count);

printf("Number of Header files included: %d\n", header\_count);

return 0;

}