%{

#include <stdio.h>

int comment\_count = 0;

%}

%%

"//".\* { comment\_count++; } /\* single-line comment \*/

"/\*"([^\*]|\\*+[^\*/])\*"\*/" { comment\_count++; } /\* multi-line comment \*/

\n { /\* ignore newlines \*/ }

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

%%

int yywrap(void) { return 1; }

int main(void)

{

printf("Enter the code (Ctrl+D to end):\n");

yylex();

printf("\nTotal comment lines: %d\n", comment\_count);

return 0;

}

