

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

    int c_line = 0;

}%

%%

"//[a-zA-Z0-9' '\t]*" {
    c_line++;
}

"/*[a-zA-Z0-9 \t\n]*"*/" {
    c_line++;
}

.
{
    fprintf(yyout, "%s", yytext);
}

%%

int main()
{
    char in_file_name[100];
    printf("Enter the input file name : ");
    scanf("%123s", in_file_name);

    char out_file_name[100];
    printf("Enter the output file name : ");
    scanf("%123s", out_file_name);

    extern FILE *yyin;
    extern FILE *yyout;

    yyin = fopen(in_file_name, "r");

    if(yyin == NULL)
        printf("\nError!!!\nCan't open the file.\n");

    yyout = fopen(out_file_name, "w");
    yylex();

    printf("\nTotal no of comment lines are : %d\n", c_line);

    fclose(yyin);
    fclose(yyout);

    return 0;
}
```