

3b. Program to count the numbers of comment lines in a given C program. Also eliminate them and copy the resulting program into separate file

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

int cc=0;

%}

%x CMNT

%%
"/*"    {BEGIN CMNT;}
<CMNT>.    ;

<CMNT>"/"    {BEGIN 0; cc++;}
%%
int yywrap() { }
int main(int argc, char *argv[])
{
    if(argc!=3)
    {
        printf("Usage : %s    <scr_file>    <dest_file>\n",argv[0]);
        return 0;
    }
    yyin=fopen(argv[1],"r");
    yyout=fopen(argv[2],"w");
    yylex();
    printf("\nNumber of multiline comments = %d\n",cc);
    return 0;
}
```