6a. Write a LEX program to eliminate comment lines in a C program and copy the resulting program into a separate file.

```
%{
int cc=0;

%}
%x CML CSL
%%
"/*" {
BEGIN CML; cc++;}
<CML>. ;
<CML>"*/" {BEGIN 0;}
"//" {BEGIN CSL; cc++;}
<CSL>. ;
<CSL>\n {BEGIN 0;}
%%
int main(int argc, char *argv[])
{
if(argc!=3)
{
printf("usage is %s <src file> <dest
file>\n",argv[0]);
return;
}
yyin=fopen(argv[1],"r");
yyout=fopen(argv[2],"w");
yylex();
printf("no. of comment lines=%d\n",cc);
}
```

lex 6a.l
cc lex.yy.c -ll
./a.out file1.c file2.c