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**