/\* Wap in c++ to read a text file and create a duplicate file by toggling the characters using the concept of **data file**

**handling.** \*/

#include<fstream.h>

#include<ctype.h>

#include<string.h>

#include<conio.h>

void main()

{

clrscr();

char a[80][80],choice;

int i=0;

cout<<"Enter the strings. Enter ## to terminate entering: ";

l1: // label 1

cin.getline(a[i],80);

if(a[i][0]=='#'&&a[i][1]=='#')

goto l2;

else

{

i++;

goto l1;

}

l2: // label 2

fstream str;

str.open("str\_n.txt",ios::out);

str<<"The strings are : \n\n";

for(int j=0; j<i; j++)

str<<a[j]<<"\n\n";

str.close();

char b[80][80];

str.open("str\_n.txt",ios::in);

for( j=0; j<=(i\*2)+1; j++)

str.getline(b[j],80);

str.close();

for(j=0; j<=(i\*2)+1; j++)

for(int k=0; k<strlen(b[j]); k++)

{

if(isalpha(b[j][k]))

{

if(islower(b[j][k]))

{

b[j][k]=toupper(b[j][k]);

}

else if(isupper(b[j][k]))

{

b[j][k]=tolower(b[j][k]);

}

}

}

str.open("string\_2.txt",ios::out);

str<<"Toggled strings are : \n\n";

for(j=0; j<=(i\*2)+1; j++)

str<<b[j]<<"\n\n";

str.close();

getch();

}

**Output:**

Enter the strings. Enter ## to terminate entering:

Eat

an

apple

a day.

Keeps the doctor away.

##

**// Under MS-DOS shell**

D:\TURBOC3>type str\_n.txt

The strings are :

Eat

an

apple

a day.

Keeps the doctor away.

D:\TURBOC3>type string\_2.txt

Toggled strings are :

tHE STRINGS ARE :

eAT

AN

APPLE

A DAY.

kEEPS THE DOCTOR AWAY.