/\* Program to search and modify contents of a file\*/

#include<iostream.h>

#include<fstream.h>

#include<stdio.h>

class Employee

{

int Eno;

char Ename[25];

float Esalary;

public:

void output()

{

cout<<"Employee Number : ";

cout<<Eno<<endl;

cout<<"Employee Name : ";

puts(Ename);

cout<<endl;

cout<<"Employee salary : ";

cout<<Esalary<<endl;

}

void input()

{

cout<<"\nEnter employee number : ";

cin>>Eno;

cout<<"\nEnter employee name : ";

gets(Ename);

cout<<endl;

cout<<"\nEnter employee salary : ";

cin>>Esalary;

cout<<endl;

}

int getno()

{

return Eno;

 }

}emp;

int recordno(int);

int recordno(int temp\_no)

{

fstream file;

file.open("Empc.txt",ios::in);

file.seekg(0,ios::beg);

int count=0;

while(file.read((char\*)&emp,sizeof(emp)))

{

count++;

if(temp\_no==emp.getno())

break;

}

file.close();

return count;

}

void main()

{

int ch;

cout<<"Menu \n";

cout<<"1. Search \n";

cout<<"2. Modify \n";

cout<<"Enter your choice : ";

cin>>ch;

cout<<endl;

switch (ch)

{

case 1:

{

int a;

fstream F;

Employee emp;

F.open("EMPc.txt",ios::in);

cout<<"Enter Number to be Searched for : ";

cin>>a;

F.read((char\*)&emp,sizeof(emp));

while(F)

{

if(emp.getno()==a)

{

emp.output();

break;

}

else

F.read((char\*)&emp,sizeof(emp));

}

F.close();

}

break;

case 2:

{

fstream f;

int location=0,temp\_no=0,total=0;

f.open("Empc.txt",ios::in);

char ans;

cout<<"Enter employee code to modify";

cin>>temp\_no;

total=recordno(temp\_no);

location=(total-1)\*sizeof(emp);

f.seekg(location);

emp.output();

f.close();

cout<<"Enter new details: ";

emp.input();

cout<<"Do u want to modify (y/n) ??\n";

cin>>ans;

if((ans=='y')||(ans=='Y'))

{

f.open("Empc.txt",ios::out|ios::ate);

f.seekp(location);

f.write((char\*)&emp,sizeof(emp));

f.close();

cout<<"RECORD MODIFIED!! ";

}

}

}

}

**OUTPUT**



