#include<iostream>

#include<conio.h>

#include<fstream>

#include<stdio.h>

#include<string.h>

using namespace std;

class book{

int bno;

char bname[50];

float bprice;

public:

void in(){

cout<<"\nEnter book number:";

cin>>bno;

cout<<"\nEnter book name:";

gets(bname);

cout<<"\nEnter book price:";

cin>>bprice;

cout<<endl;

}

void out() {

cout<<"book no:"<<bno<<endl;

cout<<"book name:"<<bname<<endl;

cout<<"book price:"<<bprice<<endl;

}

char\*getbname() {

return bname;

}

void setprice(float x){

bprice=x;

}

};

void modify(){

char s[50];

float price;

fstream f("book.dat",ios::binary|ios::in|ios::out);

cout<<"enter book name whose price has to be modified";

gets(s);

book b;

while(f.read((char\*)&b,sizeof(b))){

if(strcmpi(b.getbname(),s)==0){

int x=-1\*sizeof(b);

f.seekp(x,ios::cur);

cout<<"enter new price:";

cin>>price;

b.setprice(price);

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

}

}

f.close();

}

void dislay(){

book c;

ifstream fin("book.dat",ios::binary);

while(fin.read((char\*)&c,sizeof(c))){

c.out();

}

}

int main(){

book b;

int n,i;

int a;

ofstream fout("book.dat",ios::binary);

cout<<"enter number of books:";

cin>>n;

cout<<endl;

for(i=0;i<n;i++){

b.in();

fout.write((char\*)&b,sizeof(b));

}

fout.close();

cout<<"\n1.Display records"<<"2.Modify records"<<endl;

cin>>a;

if(a==2){

modify();

}

display();

getch();

}