#include<iostream.h>

#include<conio.h>

#include<stdio.h>

#include<string.h>

class Publication

{

private:

char Title[50];

float Price;

public:

Publication()

{

strcpy(Title,"Not Assigned");

Price=0.0f;

}

void getdata()

{

cout<<"\n Enter Title: ";

gets(Title);

cout<<"\n Enter Price: ";

cin>>Price;

}

void putdata()

{

cout<<"\n Title: "<<Title;

cout<<"\n Price: "<<Price;

}

};

class Book:public Publication

{

private:

int pagecount;

public:

Book()

{

pagecount=0;

}

void getdata()

{

cout<<"\n Enter the details of book.";

Publication::getdata();

cout<<"\n Enter number of pages: ";

cin>>pagecount;

}

void putdata()

{

cout<<"\n Book details are: ";

Publication::putdata();

cout<<"\n No. of Pages are: "<<pagecount;

}

};

class Tape:public Publication

{

private:

float playingtime;

public:

Tape()

{

playingtime=0.0f;

}

void getdata()

{

cout<<"\n Enter Movie Details.";

Publication::getdata();

cout<<"\n Enter Playing Time: ";

cin>>playingtime;

}

void putdata()

{

cout<<"\n Movie Details are: ";

Publication::putdata();

cout<<"\n Playing Time: "<<playingtime;

}

};

void main()

{

clrscr();

Book B1;

Tape T1;

int choice;

cout<<"\n Menu";

cout<<"\n Press 1 to get and put details of book.";

cout<<"\n Press 2 to get and put details of Movie of same book.";

cout<<"\n Enter your choice: ";

cin>>choice;

switch(choice)

{

case 1:clrscr();

B1.getdata();

B1.putdata();

case 2:clrscr();

T1.getdata();

T1.putdata();

default:clrscr();

cout<<"\n Entered WRONG Choice.";

break;

}

getch();}