#include<iostream>

using namespace std;

#include<string>

class publication

{

private:

string title;

float price;

public:

void getdata()

{

cout<<"\nEnter the title"<<endl;

cin>>title;

cout<<"\nEnter the price"<<endl;

cin>>price;

}

void putdata()

{

cout<<"\nThe title is="<<title;

cout<<"\nThe price is="<<price;

}

};

//////////////////////////////////////////////////////////////

class sale

{

private:

float salearry[3];

public:

void getdata()

{

cout<<"\nEnter the sale for 3 months"<<endl;

for(int j=0; j<3; j++)

{

cout<<"Months"<<j+1<<":";

cin>>salearry[j];

}

}

void putdata()

{

for(int j=0; j<3; j++)

{

cout<<"\nThe sales of three months are"<<j+1<<":"<<endl;

cout<<salearry[j];

}

}

};

//////////////////////////////////////////////////////////////

class book:private publication,private sale

{

private:

int page;

public:

void getdata()

{

publication::getdata();

cout<<"\nEnter the number of pages"<<endl;

sale::getdata();

cin>>page;

}

void putdata()

{

publication::putdata();

cout<<"\nThe number of pages are="<<endl;

cout<<page;

sale::putdata();

}

};

/////////////////////////////////////////////////////

class tape:private publication,private sale

{

private:

float time;

public:

void getdata()

{

publication::getdata();

cout<<"\nEnter the playing time"<<endl;

cin>>time;

sale::getdata();

}

void putdata()

{

publication::putdata();

cout<<"\nThe playing time is="<<endl;

cout<<time;

sale::putdata();

}

};

/////////////////////////////////////////////////////////

int main()

{

book bk1;

tape tp1;

cout<<"\nEnter the data of book and tape"<<endl;

bk1.getdata();

tp1.getdata();

cout<<"\nThe details of data of book and tape is as following"<<endl;

bk1.putdata();

tp1.putdata();

cout<<"\nEEEEEEEENNNNNNNNNNNNNDDDDDDDDDD"<<endl;

getchar();

getchar();

return 0;

}