#include<iostream>

#include<string.h>

#include<exception>

using namespace std;

class publication

{

public:

string title;

float price;

void getdata()

{

cout<<"Enter the name of book : ";

cin>>title;

cout<<"Enter the cost of book : ";

cin>>price;

}

void showdata()

{

cout<<"Name of book is : "<<title<<endl;

cout<<"Cost of book is : "<<price<<endl;

}

};

class book:public publication

{

public:

int count;

void getdata()

{

cout<<"Enter the number of pages in the book : ";

cin>>count;

}

void showdata()

{

try

{

if(count<=0)

{

throw count;

}

else

{

cout<<"Pages of book are : "<<count<<endl;

}

}

catch(int i)

{

cout<<"Enter page number greater than 0 \n";

count=0;

}

}

};

class tape:public publication

{

public:

float min;

void getdata()

{

cout<<"Enter the time of the audio book : ";

cin>>min;

}

void showdata()

{

try

{

if(min<=0)

{

throw min;

}

else

{

cout<<"Time of audio book is : "<<min<<endl;

}

}

catch(float i)

{

cout<<"Enter audio tape greater than 0 ";

min=0;

}

}

};

int main()

{

publication p;

book b;

tape t;

p.getdata();

p.showdata();

b.getdata();

b.showdata();

t.getdata();

t.showdata();

return 0;

}

**OUTPUT** :-

