CODE:

```cpp
#include<iostream>
#include<string>
using namespace std;
class publication
{
    public:
    string title;
    float price;
    publication()
    {
        title="Introduction to C++ Programming";
        cout<<"Title is: "<<title<<endl;
        price=250.6;
        cout<<"Price is: "<<price<<endl;
    }
    publication(string t,float p)
    {
        title=t;
        price=p;
    }
    void getdata()
    {
        cout<<"Enter the title: ";
        cin>>title;
```

```cpp
        cout<<"Enter the price: ";

        cin>>price;

    }

    void putdata()

    {

        cout<<"Title is: "<<title<<endl;

        cout<<"Price is: "<<price<<endl;

    }

};

class book:public publication

{

    private:

    int pgcount;

    public:

    void getdata1()

    {

        publication::getdata();

        cout<<"Enter the no. of pages: ";

        cin>>pgcount;

    }

    void putdata1()

    {

        publication::putdata();

        cout<<"Page count is: "<<pgcount<<endl;

    }

};
```

```cpp
int main()
{
    book b;
    b.getdata1();
    b.putdata1();
    return 0;
}
```

OUTPUT:

```
Title is: Introduction to C++ Programming
Price is: 250.6
Enter the title: Hello
Enter the price: 200.3
Enter the no. of pages: 50
Title is: Hello
Price is: 200.3
Page count is: 50
```