

## Tutorial 11 Solution

```
class Book
{
private String title;
private String author;
private double price;
private int nPages;

public String getTitle() {
    return title;
}
public void setTitle(String title) {
    this.title = title;
}
public String getAuthor() {
    return author;
}
public void setAuthor(String author) {
    this.author = author;
}
public double getPrice() {
    return price;
}
public void setPrice(double price) {
    this.price = price;
}
public int getNPages() {
    return nPages;
}
public void setNPages(int pages) {
    nPages = pages;
}
public Book() {
    title=null;
    author=null;
    price=0.0;
    nPages=0;
}

public Book(String title, String author, double price, int pages) {
    this.title = title;
    this.author = author;
    this.price = price;
    nPages = pages;
}

public boolean isCostly(Book b)
```

```

    {
        if(b.price>price)
            return true;
        else
            return false;
    }

public boolean isThick(Book b)
{
    if(b.nPages>nPages)
        return true;
    else
        return false;
}

public void display()
{
    System.out.println("Title: "+title);
    System.out.println("Author:"+author);
    System.out.println("Price: "+price);
    System.out.println("Pages: "+nPages);
}

}

public class TestBook {

    /**
     * @param args
     */
    public static void main(String[] args) {
        // TODO Auto-generated method stub
        Book b1=new Book();
        b1.setTitle("C++ Programming");
        b1.setAuthor("Robert Lafore");
        b1.setPrice(135.0);
        b1.setNPages(413);
        b1.display();

        Book b2=new Book("Java Programming","Herbert Shieldt",111.5,555);
        b2.display();
        System.out.println("Costly Book is Following");
        if(b1.isCostly(b2))

            b2.display();

        else

            b1.display();

        System.out.println("Thicker Book is Following");
        if(b1.isThick(b2))

```

```
        b2.display();  
    else  
        b1.display();
```

```
    }
```

```
}
```