6854 Brandon de Bruyn
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CODE:

//Class Book:
```java
package ahegao;
/*
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*/
public abstract class Book {
    String BookTitle; // Title of Book
    double bPrice; // Book Price

    public Book(String title) {
        BookTitle = title;
    }

    public String getBookTitle() {
        return BookTitle;
    }

    public double getbPrice() {
        return bPrice;
    }

    public abstract void setbPrice();
}
```

//Class BookArray:
```java
package ahegao;

import java.util.ArrayList;
import java.util.List;

public class BookArray {
    static List<Book> bookList = new ArrayList<Book>();
    public static void main(String[] args) {
        Book books;
        books = new Fiction("Chousuke Nagashima");
        bookList.add(books);
```

```java
        books = new NonFiction("Naoto Fukuyama");
        bookList.add(books);
        books = new Fiction("Omina Tachibana");
        bookList.add(books);
        books = new Fiction("Kaiwai Haraise");
        bookList.add(books);
        books = new Fiction("Ichiri");
    }
}
```

//Class Fiction:
```java
package ahegao;

public class Fiction extends Book {

    public Fiction(String title) {
        super(title);
        setbPrice();
    }

    public void setbPrice() {
        super.bPrice = 24.99;
    }
}
```

//Class NonFiction:
```java
package ahegao;

public class NonFiction extends Book {

    public NonFiction(String title) {
        super(title);
        setbPrice();
    }

    public void setbPrice() {
        super.bPrice = 37.99;
    }
}
```

//Class UseBook:
```java
package ahegao;

import javax.swing.*;

/*
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*/
public class UseBook {

   public static void main(String[] args) {
  // write your code here

       Book books;
       books = new Fiction("Chousuke Nagashima");
       JOptionPane.showMessageDialog(null, books.getBookTitle());
       books = new NonFiction("Naoto Fukuyama");
       JOptionPane.showMessageDialog(null, books);
   }
}
```

SCREENSHOT: