

import java.util.Scanner;

class Book {

String name;

String author;

int price;

int numPages;

Book(String name, String author, int price, int  
numPages) {

this.name = name;

this.author = author;

this.price = price;

this.numPages = numPages;

public String toString() {

String name, author, price, numPages;

name = "Book name " + this.name + "\n";

author = "Author name: " + this.author + "\n";

price = "Price: " + this.price + "\n";

numPages = "Num of Pages: " + this.numPages +  
"\n";

return name + author + price + numPages;

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public class Lab3 {

```
public static void main (String[] args) {  
    System.out.println("My name is Ravi Kumar B.T");  
    Scanner s = new Scanner(System.in);
```

```
    int n;
```

```
    n = s.nextInt();
```

```
    Boolean[] b;
```

```
    b = new Boolean[n];
```

```
    for (int i = 0; i < n; i++) {
```

```
        System.out.println("Enter details for  
book " + (i+1) + " :");
```

```
        System.out.println("Name: ");
```

```
        String name = s.nextLine();
```

```
        System.out.println("Author: ");
```

```
        String author = s.nextLine();
```

```
        System.out.println("Price: ");
```

```
        int price = s.nextInt();
```

```
        s.nextLine();
```

```
        b[i] = new Book(name, author, price,  
            numPages);
```

```
    }  
    for (int i = 0; i < n; i++) {
```

```
        System.out.println("Displaying the book " +  
            (i+1) + " : " + b[i].toString());
```

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output:

My name is PUNITH GPT B.T

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Enter details of Book 1:

Name:

Bhagavatgita

Author:

Vyasa

Price:

450

Number of pages

600

Enter details of Book 2:

Name:

Rich dad poor dad

Author:

Robert T. Kiyosaki

Price:

250

Number of pages

200

Details of Book:

Book name: Bhagavatgita

Author name: Vyasa

Price: 450

Number of pages: 600

Book name: Rich dad poor dad

Author name: Robert T. Kiyosaki

Price: 250

Number of Pages: 200

