

BOOK OBJECT

```
import java.util.Scanner;
```

```
class Book
```

```
{
```

```
    String name;
```

```
    String author;
```

```
    String price;
```

```
    String numPages
```

```
    public Book()
```

```
{
```

```
        name = "abc";
```

```
        author = "xyz";
```

```
        price = "100.88";
```

```
        numPages = "500";
```

```
}
```

```
    void getData()
```

```
{
```

```
        Scanner s1 = new Scanner(System.in);
```

```
        System.out.println("Enter book name:");
```

```
        name = s1.next();
```

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

```
        author = s1.next();
```

```
        System.out.println("Enter book prices:");
```

```
        price = s1.next();
```

```
        System.out.println("Enter number of pages:");
```

```
        numPages = s1.next();
```

```
}
```

```
public String toString() {
```

```
    return ("Book : " + name + "\n Author : " + author + "\n Price : " + price + "\n Number of pages : " + num - pages);
```

```
}
```

```
public class BookMain
```

```
{
```

```
    public static void main (String args[])
```

```
    {
```

```
        int i, n;
```

```
        Book tempobj = new Book();
```

```
        System.out.println ("Constructor values: ");
```

```
        System.out.println (tempobj.toString());
```

```
        System.out.println ("Enter number of books:");
```

```
        Scanner s = new Scanner (System.in);
```

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

```
        Book[] obj = new Book[n];
```

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

```
        {
```

```
            obj[i] = new Book();
```

```
            obj[i].getData();
```

```
            System.out.println ("---");
```

```
        }
```

```
        System.out.println ("Details of all books:");
```

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

```
        {
```

```
            System.out.println ("Book : " + (i + 1));
```

```
            System.out.println (obj[i].toString());
```

```
        }
```

```
    }
```

```
}
```