

83) Book.java

```
import java.util.Scanner;  
class Book;  
{  
    String name;  
    String author;  
    String price;  
    String num-page;  
public Book;  
{  
    name = "abc";  
    author = "xyz";  
    price = "100rs";  
    num-pages = "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 number of pages");  
    num-pages = s1.next();  
}
```

```
public String toString()
{
    return ("Book : " + name + " \ Author : " + author + " \n Price : " + Price + "
           \n Number of pages + " + NumPages);
}
```

```
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[] ob = new Book[n];
        for(i = 0; i < n; i++)
        {
```

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

```
}
```

```
}
```

```
}
```