

### LAB-3

```
import java.util.*;
```

```
class Book
```

```
{
```

```
    private String name;
```

```
    private String author;
```

```
    private double price;
```

```
    private int num-pages;
```

```
    Book()
```

```
{
```

```
        name = "xyz";
```

```
        author = "abc";
```

```
        price = 0.0;
```

```
        num-pages = 10;
```

```
}
```

```
void getData()
```

```
{
```

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

```
    System.out.println("enter the name of the book");
```

```
    name = sc.nextLine();
```

```
    System.out.println("enter the name of the author");
```

```
    author = sc.nextLine();
```

```
    System.out.println("enter the price of the book");
```

```
    price = sc.nextDouble();
```

```
    System.out.println("enter the number of pages");
```

```
    num-pages = sc.nextInt();
```

```
}
```

```
public String toString()
```

```
{
```

```
    return ("Book : " + name + "\n Author " + author + "\n Price :
```

```
Rs " + price + "\n No. of pages : " + num-pages);  
}
```

```
}
```

```
class lab4
```

```
{
```

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

```
{
```

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

```
System.out.println ("Enter the no. of books");
```

```
int n = xx.nextInt();
```

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

```
int i;
```

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

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

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

```
}
```

```
System.out.println ("Printing book details ...");
```

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

```
{
```

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

```
System.out.println (b[i]);
```

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

```
}
```

```
}
```

```
}
```