

Lab program: Books

```
③ import java.util.Scanner;
class Book
{
    public String name;
    public String author;
    public double price;
    public int num-pages;

    Book()
    {
        name = "xyz";
        author = "abc";
        price = 0.0;
        num-pages = 0;
    }

    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 price of the book");
        price = sc.nextDouble();
        System.out.println("enter the author of book");
        author = sc.nextLine();
        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 sc = new Scanner (System.in);
```

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

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

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

```
System.out.println ("Enter the book details");
```

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

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

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

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

```
}
```

```
System.out.println ("Book Details");
```

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

```
{
```

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

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

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

```
}
```

```
}
```

```
}
```