

LAB Program - 3

```
import java.util.*;  
class book
```

```
{  
    String name, author;  
    int price, num-pages;  
    book (String nam, String a, int p, int no)
```

```
{  
        name = nam;  
        author = a;  
        price = p;  
        num-pages = no;  
    }
```

```
    static String accept-name()  
{
```

```
        Scanner sc = new Scanner(System.in);  
        SOPln("Enter name of book");  
        return (sc.nextLine());  
    }
```

```
    static String accept-author()  
{
```

```
        Scanner sc = new Scanner(System.in);  
        SOPln("Enter author name");  
        return (sc.nextLine());  
    }
```

```
    static int accept-price()  
{
```

```
        Scanner sc = new Scanner(System.in);  
        SOPln("Enter price of book");  
        return (sc.nextInt());  
    }
```

```
    static int accept-pages()  
{
```

```
        Scanner sc = new Scanner(System.in);  
        SOPln("Enter no. of pages");  
        return (sc.nextInt());  
    }
```



```
public String toString()  
{  
    return (name + " " + author + " " + price + " "  
            + num_pages);  
}
```

```
public static void main (String args[])  
{  
    Scanner sc = new Scanner (System.in);  
    int n;  
    SOPln(" Enter value of n ");  
    n = sc.nextInt();  
    String name, a;  
    int p, no;  
    book []obj = new book [n];  
    for (int i=0; i<n; i++)  
    {  
        name = accept_name();  
        a = accept_author();  
        p = accept_price();  
        no = accept_pages();  
        obj[i] = new book (name, a, p, no);  
    }  
    int x = 1;  
    for (int i=0; i<n; i++)  
    {  
        System.out.println (" BOOK " + (x++));  
        System.out.println (obj[i]);  
    }  
}
```