

### LAB-3

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

```
class TestBook {  
    public static void main (String args[]) {  
        Scanner sc = new Scanner (System.in);  
        System.out.println ("Enter the number of books:");  
        int n = sc.nextInt();  
        Book B[] = new Book[n];  
        for (int i=0; i<n; i++) {  
            B[i] = new Book();  
        }  
        for (int i=0; i<n; i++) {  
            System.out.println (B[i]);  
            System.out.println ();  
        }  
    }  
}
```

```
class Book {  
    String book-name, book-author;  
    int price, num-pages;  
    Book () {  
        Scanner sc = new Scanner (System.in);  
        System.out.print ("Enter the Name of the book: ");  
        book-name = sc.nextLine();  
        System.out.print ("Enter the Author of book " + book-name + ": ");  
        book-author = sc.nextLine();  
        System.out.print ("Enter the price of book " + book-name + ": ");  
        price = sc.nextInt();  
        System.out.print ("Enter the number of pages: ");  
        num-pages = sc.nextInt();  
    }  
}
```



```
sc.nextLine();  
System.out.println();  
}
```

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

```
return ("Name of Book : " + this.book-name + " In Author : "  
+ this.book-author + " In Price : " + this-price + " In Number  
of Pages : " + this.num-pages);
```

```
}
```

```
}
```