

## lab 3

```
import java.util.*;
class book {
    String name;
    String author;
    double price;
    int num-pages;
    public book() {
        name = "india's Hero";
        author = "panday";
        price = 455.3;
        num-pages = 600;
    }
    public book(String name, String author,
        double price, int num-pages) {
        this.name = name;
        this.author = author;
        this.price = price;
        this.num-pages = num-pages;
    }
    void setDetails() {
        Scanner x = new Scanner(System.in);
        next = x.nextLine();
        author = x.nextLine();
        Price = x.nextDouble();
        num-pages = x.nextInt();
    }
    public String toString() {
        return (name + ", " + author + ", " + price + ", " +
            num-pages);
    }
}
```

```
Public class Main {  
    public static void main(String[] args){  
        int n=0;  
        Scanner sc = new Scanner(System.in);  
        System.out.println("enter the value for  
                             n!");
```

```
    }  
    n=sc.nextInt();  
    book[] b = new book[n];  
    System.out.println("enter the details  
    of book (name, author, price, num pages)  
    for (int i=0; i<n; i++) {  
        b[i] = new book();  
        System.out.println("details of " + (i+1) + " book  
                             (Rs)");  
        b[i].setDetails();  
    }
```

```
    System.out.println("details of the books  
    are");  
    for (int i=0; i<n; i++) {  
        System.out.println((i+1) + "book:");  
        System.out.println(b[i]);  
    }
```

```
}  
}  
}
```