{ WEEK - 3 }

```java
import java.util.Scanner;

class Book{

    private string name, author;
    private double price;
    private int    num_pages;

    Book(){
        this.name = "";
        this.author = "";
        this.price = 0.0;
        this.num_pages = 0;
    }

    public void setName(String n){
        this.name = n;
    }

    public void setAuthor(String a){
        this.author = a;
    }

    public void setPrice(double p){
        this.price = p;
    }

    public void setPages(int q){
        this.num_pages = q;
    }

    public string toString(){

    return  "Name:" + this.name + "Author:" + this.author + "Price:" + this.price
                    + "No.of Pages :" + this.num_pages;

    }

    public string getName(){
        return this.name;
    }

    public string getAuthor(){
        return this.author;
    }
    public double getPrice(){
        return this.price;
    }

    public int getPages(){
        return this.num_pages;
    }
```

```java
public static void main ( String [] args) {
    int n;
    Scanner sc = new Scanner (System.in);
    System.out.print ( " How many Book Details do you want to enter? ");
    n = sc.nextInt();
    Book [] b = new Book [n];

    for (int i=0; i<n; i++) {
        b[i] = new Book();
        System.out.println(" Enter details for book"+ (i+1));

        System.out.print ("Enter name: ");
        b[i].setName ( sc.next());

        System.out.print ( " Enter author: ");
        b[i].setAuthor (sc.next());

        System.out.print ( " Enter price: ");
        b[i].setPrice ( sc.nextDouble());
        System.out.print ( " Enter no. of pages:" );
        b[i].setPages ( sc.nextInt());
    }

    for (int i=0; i<n; i++) {
        System.out.println(" Book "+(i+1));
        String st = b[i].toString();
        System.out.println (st);
    }
}
```

Expected o/p:-

How many books do you want to enter: 1
    Enter details for book 1
    Enter name : b1
    Enter author : a1
    Enter price : 25
    Enter no. of pages:- 99
    Book 1
    Name: b1 Author a1 Price 25.0 no. of pages: 99