Lab 3

```
import java.util.Scanner;

class Bookmain {
    String author;
    String name;
    int num_pages;
    Double price;

    Scanner sc = new Scanner(System.in);

    Bookmain() { }
    Bookmain(String author, String name, int num_pages
                , double price)
    {
        this.author = author;
        this.name = name;
        this.num_pages = num_pages;
        this.price = price;

    void getDetails()
    {
        System.out.println("Enter book author");
        author = sc.next();
        System.out.println("Enter book name");
        name = sc.next();
        System.out.println("Enter no. of pages");
        num_pages = sc.nextInt();
```

```
System.out.println("Enter price");
price = sc.nextDouble();
}

Void printDetails() {
System.out.println("Author : " + author);
System.out.println("Bookname: " + name);
System.out.println("No. of pages:" + num_pages);
System.out.println("price : " + price);
}

public String toString() {
return ("Author : " + author + "\nBookname:"
        + name + "\nPages:" + num_pages +
        "\nprice:" + price);
}

Class Lab3 {
public static void main (String[] args)
{
Scanner sc = new Scanner (System.in);
int n;
System.out.println("Enter no. of books");
n = sc.nextInt();
```

```
Bookmain b[] = new Bookmain[n];
b[0] = new Bookmain("Tony", "computer", 699, 2000.99);
System.out.println("--------------");
for(int i=1; i<n; i++){
  System.out.println("Enter Book Details:"+(i+1));
   b[i] = new Bookmain();
   b[i].getDetails();
   System.out.println("--------------");
}
sc.close();
for (int i=0; i<n; i++){
   System.out.println("Book Details:"+(i+1));
   b[i].printDetails();
   System.out.println("--------------");
}
System.out.println("All Book Details:");
System.out.println("--------------");
for(int i=0; i<n; i++){
   System.out.println("\n****");
   System.out.println("Book:"+(i+1));
   System.out.println(b[i]);
}
}
}
```