

LAB 3

```
import java.util.Scanner;

public class book {
    String name;
    String author;
    int price;
    int num_pages;
    Scanner sc=new Scanner(System.in);
    book(){}

    public book(String name,String author,int price,int num_pages) {
        this.name=name;
        this.author=author;
        this.price=price;
        this.num_pages=num_pages;
    }

    public void getdetails() {
        System.out.println("name of the book");
        name=sc.nextLine();
        System.out.println("Author of the book");
        author=sc.nextLine();
        System.out.println("price of the book");
        price=sc.nextInt();
    }
}
```

```
        System.out.println("no. of pages");
        num_pages=sc.nextInt();

    }

    public String toString() {
        return ("name "+name+" author "+author+" price "+price+"
no.of pages "+num_pages);
    }
```

```
    public static void main(String[] args) {
        Scanner sc=new Scanner(System.in);
        System.out.println("Enter the no. of books");
        int n=sc.nextInt();
        book b[]=new book[n];
        System.out.println("Enter the details of the book ");
        for(int i=0;i<n;i++) {
            b[i]=new book();
            b[i].getdetails();
        }
        for(int i=0;i<n;i++) {
            System.out.println(b[i]);
        }

    }
```

}

```
Command Prompt
name frogauthor harisprice 400no.of pages 60
name rogaauthor yonprice 300no.of pages 90

D:\JAVA>javac book.java

D:\JAVA>java book
Enter the no. of books
2
Enter the details of the book
name of the book
frog
Author of the book
haris
price of the book
100
no. of pages
200
name of the book
Life
Author of the book
jOEY
price of the book
500
no. of pages
300
name frog author haris price 100 no.of pages 200
name Life author jOEY price 500 no.of pages 300

D:\JAVA>
```