

Lab Program - 3

```
import java.util. Scanner;
class book {
    String author;
    String name;
    int num-pages;
    double price;
    Scanner sc = new Scanner(System.in);

    void getDetails() {
        System.out.println("Enter the name author :");
        author = sc.next();
        System.out.println("Enter the title of book :");
        name = sc.next();
        System.out.println("Enter the number of pages :");
        num-pages = sc.nextInt();
        System.out.println("Cost of book :");
        price = sc.nextDouble();
    }

    public String toString() {
        return ("Author : " + author + "\n Book title : "
            + name + "\n Pages : " + num-pages +
            "\n Price : " + price);
    }

    book() {
        author = "Anne Frank";
        name = "The Diary of a Young Girl";
```

```
num_pages = 168;  
price = 199.00;  
}
```

```
void display() {  
    System.out.println("Author : "+author);  
    System.out.println("Book title : "+name);  
    System.out.println("Number of pages : "  
                        +num_pages);  
    System.out.println("Price : "+price);  
}
```

```
class bookMain {  
    public static void main (String ss[]) {  
        Scanner sc = new Scanner (System.in);  
        int n;  
        book s1 = new book();  
        s1.display();  
        System.out.println("\n Enter the number  
                           of books : ");  
        n = sc.nextInt();  
        book b[] = new book[n];  
        for (int i = 0; i < n; i++) {  
            System.out.println("\n Enter details  
                               of book : "+(i+1));  
            b[i] = new book();  
            b[i].getDetails();  
        }  
    }  
}
```

```
System.out.println("\nAll the book we  
have --");
```

```
for (int i=0; i<n; i++) {  
    System.out.println("\nBook: " + (i+1));  
    System.out.println(b[i]);  
}
```

```
}
```

```
}
```

```
}
```