

## Week 5 lab Program

D. Lakshminarayana  
IBM19CSD40

```
* import java.util.Scanner;
```

```
class Book {
```

```
    private String name;
```

```
    private String author;
```

```
    private float Price;
```

```
    private int No.-of-pages;
```

```
    public String getName () {  
        return name;
```

```
    }
```

```
    public String getAuthor () {  
        return author;
```

```
    }
```

```
    public float getPrice () {  
        return price;
```

```
    }
```

```
    public int getNo.-of-page () {  
        return no.-of-page;
```

```
    }
```

```
    public void setName (String name)  
    {
```

```
        this.name = name;
```

```
    }
```

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

```
    }
```

```
    public void setPrice (float price) {  
        this.price = price;
```

```
    }
```

```
    public void setNo.-of-Page (int No.-of-Page)  
        this.no.-of-page = no.-of-pages;
```

```
    }
```

```
public String toString() {
```

```
    return "Name: " + name + " Author: "  
        + author + " Price: " + price  
        + " No. of Pages: " + No. of pages  
    };
```

```
}
```

```
}  
class BookMain {
```

```
    public static void main (String args[])  
    {
```

```
        Scanner s = new Scanner (System.in);  
        System.out.println("Enter the  
                                no. of books");
```

```
        int n = s.nextInt();
```

```
        Book[] b = new Book[n];
```

```
        for (int i = 0; i < n; i++) {  
            System.out.println("Enter the details of  
                                book");
```

```
            String name = s.next();
```

```
            String author = s.next();
```

```
            float price = s.nextFloat();
```

```
            int No. of Page = s.nextInt();
```

```
            b[i] = new Book(name, author,  
                                price, No. of pages);
```

```
        }
```

```
        for (int i = 0; i < n; i++)
```

```
            System.out.println(b[i]);
```

```
    }
```

```
}
```