

## Week 5

```
import java.util.*;
class Book {
    String name;
    String author;
    Float price;
    int num-pages;
    Book()
    {}
    Book(String name, String author, int price, int num-pages)
    {
        this.name = name;
        this.author = author;    this.num-pages = num-pages;
        this.price = price;
    }
    void display()
    {
        Scanner inp = new Scanner(System.in);
        System.out.println("Enter name of the book:");
        name = inp.next();
        System.out.println("Enter author of book:");
        author = inp.next();
        System.out.println("Enter price of book:");
        price = inp.nextFloat();
        System.out.println("Enter number of pages of book:");
        num-pages = inp.nextInt();
    }
    public String toString()
    {
        return "Name: " + name + "\n" + "Author: " + author + "\n" +
```



```

        Price: " + price + "\n" + "Number of pages: " + numPages)
    }
}

```

```

class BookMain {

```

```

    public static void main (String args[])
    {

```

```

        Scanner a = new Scanner (System.in);
        System.out.println ("Enter number of books:");
        int n = a.nextInt();

```

```

        Book b[] = new Book[n];

```

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

```

```

            b[i] = new Book();

```

```

            System.out.println ("Enter details of " + (i+1) + " book");

```

```

            b[i].display();
        }

```

```

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

```

```

            System.out.println ("Details of book " + (i+1));

```

```

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

```