

## Lab Week 5

```
import java.util.Scanner;  
class Book {
```

```
    private int num_pages;  
    private double price;  
    private String name, author;  
    Book() {
```

```
        String name = " ";  
        String author = " ";  
        int num_pages = 0;  
        double price = 0;  
    }
```

```
    void getd() {
```

```
        Scanner s1 = new Scanner(System.in);  
        System.out.println("Enter name of book:");  
        name = s1.next();  
        System.out.println("Enter the author of book:");  
        author = s1.next();  
        System.out.println("Enter the price:");  
        price = s1.nextDouble();  
        System.out.println("Enter number of pages:");  
        num_pages = s1.nextInt();  
    }
```

```
    void printd() {
```

```
        System.out.println("Name of book: " + name);  
        System.out.println("Author of book: " + author);  
        System.out.println("Price of book: " + price);  
        System.out.println("Number of pages: " + num_pages);  
    }
```

```
public String toString() {  
    return name + " " + author + " " + price + " " + num  
    - pages;  
}
```

```
}
```

```
}
```

```
class Test {
```

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

```
        int i, num;
```

```
        Scanner s2 = new Scanner(System.in);
```

```
        System.out.println("Enter the number of books");
```

```
        num = s2.nextInt();
```

```
        Book[] bk = new Book[num];
```

```
        for (i = 0; i < num; i++) {
```

```
            bk[i] = new Book();
```

```
            bk[i].get();
```

```
        }
```

```
        for (i = 0; i < num; i++)
```

```
            bk[i].print();
```

```
        for (i = 0; i < num; i++)
```

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

```
    }
```

```
}
```