

Week 5 Prog 3. java

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

```
class Book {
```

```
    private String name;  
    private String author;  
    private double price;  
    private int num-pages;
```

```
    void getDetails() {
```

```
        Scanner inp = new Scanner(System.in);  
        System.out.println("Enter Details");  
        System.out.print("Name: ");  
        name = inp.nextLine();  
        System.out.print("Author: ");  
        author = inp.nextLine();  
        System.out.print("Price: ");  
        price = inp.nextDouble();  
        System.out.print("No. Pages: ");  
        num-pages = inp.nextInt();
```

```
    }
```

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

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

```
    }
```

```
}
```

```
class Week5 Progs {  
    public static void main(Strings args[])  
    {  
        Scanner inp = new Scanner(System.in);  
  
        System.out.print("Enter number of  
                           books : ");  
  
        int n = inp.nextInt();  
  
        Book b[] = new Book[n];  
        for(int i=0; i<n; i++) {  
            b[i] = new Book();  
            System.out.print("Enter Details ");  
            b[i].getDetails();  
        }  
        System.out.println("Books Detail :");  
        for(int i=0; i<n; i++) {  
            System.out.println("book " + (i+1));  
            System.out.println(b[i]);  
        }  
    }  
}
```