

LAB - 3

```
import java.util.*;
class Book {
    String name;
    String author;
    Double price;
    int num_pages;
    Book()
    {}
    Book(String name,String author,Double price,int num_pages)
    {
        this.name=name;
        this.author=author;
        this.price=price;
        this.num_pages=num_pages;
    }
    void accept()
    {
        Scanner s=new Scanner(System.in);
        System.out.println("Enter the name of the book");
        name=s.nextLine();
        System.out.println("Enter the author of the book");
        author=s.nextLine();
        System.out.println("Enter the price of the book");
        price=s.nextDouble();
        System.out.println("Enter the number of pages of the book");
        num_pages=s.nextInt();
    }
    public String toString()
    {
        return ("Name: "+name + "\n" + "Author: "+author + "\n" + "Price: "+price + "\n"
+"Number of pages: "+num_pages );
    }
}
public class Main {
    public static void main(String ss[])
    {
        Scanner a=new Scanner(System.in);
        Book b1=new Book("wizard","mary",299.0,345);
        System.out.println("Sample book:\n"+b1);
        System.out.println("Enter the number of books");
        int n=a.nextInt();
        Book b[]=new Book[n];
        for(int i=0;i<n;i++)
        {
            b[i]=new Book();
        }
    }
}
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        System.out.println("Enter the details of "+(i+1)+" book");
        b[i].accept();
    }
    for(int i=0;i<n;i++)
    {
        System.out.println("Details of book "+(i+1));
        System.out.println(b[i]);
    }
}

```

```

Sample book:
Name: wizard
Author: mary
Price: 299.0
Number of pages: 345
Enter the number of books
2
Enter the details of 1 book
Enter the name of the book
harry porter
Enter the author of the book
jk.rowling
Enter the price of the book
500
Enter the number of pages of the book
455
Enter the details of 2 book
Enter the name of the book
oceans
Enter the author of the book
seaan
Enter the price of the book
1011
Enter the number of pages of the book
900

```

```
Details of book 1
Name: harry porter
Author: jk.rowling
Price: 500.0
Number of pages: 455
Details of book 2
Name: oceans
Author: seaan
Price: 1011.0
Number of pages: 900
```

```
...Program finished with exit code 0
Press ENTER to exit console. █
```