

# LAB - 3

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youva

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

```
{
```

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

```
    BOOK ()
```

```
{
```

```
    name = "xyz";
    author = "abc";
    price = 0.0;
    num-pages = 10;
```

```
}
```

```
    void getData()
```

```
{
```

```
        Scanner sc = new
Scanner(System.in);
        System.out.println("enter name of book author");
        name = sc.nextLine();
        System.out.println("enter name of author");
        author = sc.nextLine();
        System.out.println("enter price of book");
        price = sc.nextDouble();
        System.out.println("enter the number of
        pages");
        num-pages = sc.nextInt();
    }
```



```

    public String toString()
    {
        return ("Book: " + name + " \n Author: " + author + "
        \n price: Rs " + price + " \n No. of
        pages: " + num - pages);
    }
}

```

```

class Lab3

```

```

    public static void main(String s[])
    {

```

```

        Scanner xx = new
        Scanner(System.in);
        System.out.println("Enter the number of
        books");

```

```

        int n = xx.nextInt();
        Book b[] = new Book[n];
        int i;

```

```

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

```

```

            System.out.println("Book " + (i + 1));
            b[i] = new Book();
            b[i] = getData();
        }

```

```

        System.out.println("Printing book
        details...");

```

```

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

```

```

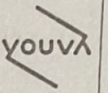
            System.out.println("Book " + (i + 1));
        }
    }
}

```



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system.out.println(b[i]);

system.out.println(" - - - - - ")

}  
}  
}