

Lab-3  
import java.util.Scanner;  
class book{

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```
String author;  
String title;  
String num-pages;  
String price;  
Scanner sc = new Scanner(System.in)  
void getdetails()  
{  
    System.out.println("author");  
    author = sc.next();  
    System.out.println("book title");  
    title = sc.next();  
    System.out.println("Num of pages");  
    num-pages = sc.next();  
    System.out.println("Price:");  
    price = sc.next();  
}  
public String toString() {  
    return ("Author:" + author + "\n Book title:" + title + "\n Pages:"  
    + num-pages + "\n price:" + price);  
}  
book(){  
    author = "Sanju";  
    Title = "Myself";  
    num-pages = "2875";  
    price = "1900";  
}  
void display()  
{  
    System.out.println("author:" + author);  
    System.out.println("Title:" + title);  
    System.out.println("No. of Pgs:" + num-pages);  
    System.out.println("Price" + price);  
}
```

```
class bookmain
```

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

```
{ Scanner sc = new Scanner (System.in);
```

```
int n;
```

```
book s1 = new book();
```

```
System.out.println("To show default constructor");
```

```
s1.display();
```

```
System.out.println("\n Enter no. of books");
```

```
n = sc.nextInt();
```

```
book b[] = newbook[n]
```

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

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

```
b[i] = newbook();
```

```
b[i] = getdetails();
```

```
}
```

```
System.out.println("\n Details of all books");
```

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

```
System.out.println("\n Book : "+(i+1));
```

```
System.out.println(b[i].toString());
```

```
}
```

```
}
```

```
}
```