

## Lab Program-3

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```
import java.util.*;  
class Book {  
    {  
        private String name, author;  
        private double price;  
        private int num-pages;  
    }  
}
```

```
Book()  
{  
    name = "Meluha";  
    price  
    author = "Amish";  
    price = 499.00;  
    num-pages = 565;  
}
```

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

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

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```
String temp = "Book name: " + name + "\n Author: " + author +  
              "\n Price: " + price + "\n Number of Pages: "  
              + num-pages + "\n";
```

```
return temp;
```

```
}  
}
```

```
class lab3
```

```
{
```

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

```
    {
```

```
        int i, n;
```

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

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

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

```
        Book [] obj = new Book[n];
```

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

```
        {
```

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

```
        }
```

```
        System.out.println("Enter the book details");
```

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

```
        {
```

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

```
            obj[i].getDetails();
```

```
        }
```

```
        System.out.println("Book details are:");
```

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

```
        {
```

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

```
        }
```

```
    }
```

```
}
```