

### Lab Program 3 : —

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

```
{  
    String name, author;  
    int price;
```

```
    int num-pages;
```

```
    Book()
```

```
{
```

```
        name = " ";
```

```
        author = " ";
```

```
        price = 0;
```

```
        num-pages = 0;
```

```
}
```

```
    public void getDetails()  
{
```

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

```
        System.out.println ("Enter name of book & author");
```

```
        name = sc.next();
```

```
System.out.println ("
```

```
author = sc.next();
```

```
        System.out.println ("Enter price and no. of pages");
```

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

```
        num-pages = sc.nextInt();
```

```
}
```

```
    public String toString ()
```

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

```
}
```

```
class BookObj
```

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

```
    {  
        int n;
```

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

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

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

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

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

```
        {  
            b[i] = new Book();
```

```
            b[i].getDetails();  
        }
```

```
}
```

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

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

```
}
```

```
}
```