

LAB PROGRAM 3 OUPUT(13/10/2020)

```

1  import java.io.*;
2  import java.util.*;
3  class Book1
4  {
5      private String name;
6      private String author;
7      private double p;
8      private int np;
9      Book1()
10     {
11         name=null;
12         author=null;
13         p=0.0;
14         np=0;
15     }
16     void getdetails()
17     {
18         Scanner sc=new Scanner(System.in);
19         System.out.println("Enter book title:");
20         name=sc.next();
21         System.out.println("Enter book author:");
22         author=sc.next();
23         System.out.println("Enter the book price:");
24         p=sc.nextDouble();
25         System.out.println("Enter the book pages:");
26         np=sc.nextInt();
27     }
28     public String toString()
29     {
30         return("BOOK TITLE:"+name+"    "+"BOOK AUTHOR:"+author+"    "+" BOOK PRICE: "+p+"    "+" NUMBER OF PAGES:"+np);
31     }
32 }
33 class Main
34 {
35     public static void main(String args[])
36     {
37         Scanner sc=new Scanner(System.in);
38         System.out.println("ENTER THE NUMBER OF BOOKS");

```

```

39         int n=sc.nextInt();
40         Book1 b[]=new Book1[n];
41         for(int i=0;i<n;i++)
42         {
43             System.out.println("Enter the Book details of book no: "+(i+1));
44             b[i]=new Book1();
45             b[i].getdetails();
46         }
47         for(int i=0;i<n;i++)
48         {
49             System.out.println("The book details of book "+(i+1));
50             System.out.println(b[i]);
51         }
52     }
53 }

```

```
C:\Users\admin\Documents>java Main
ENTER THE NUMBER OF BOOKS
2
Enter the Book details of book no:1
Enter book title:
Physics
Enter book author:
xyz
Enter the book price:
2000
Enter the book pages:
230
Enter the Book details of book no:2
Enter book title:
Chemistry
Enter book author:
sharat
Enter the book price:
3000
Enter the book pages:
34
The book details of book1
BOOK TITLE:Physics   BOOK AUTHOR:xyz   BOOK PRICE: 2000.0   NUMBER OF PAGES:230
The book details of book2
BOOK TITLE:Chemistry   BOOK AUTHOR:sharat   BOOK PRICE: 3000.0   NUMBER OF PAGES:34
```