```java
import java.util.*;
//import java.lang.*;
public class lab3
{
    public static String name;
    public static String author;
    public static double price;
    public static int no_of_page;
    public static void main(String[] args)
    {
        Scanner sc=new Scanner(System.in);
        int n;
        System.out.println("Enter  the number of books");
        n=sc.nextInt();
        lab_program3[] ob=new lab_program3[n];
        for(int i=0;i<n;i++)
        {
            System.out.println("Enter  the name of the book " + (i+1));
            name=sc.next();
            System.out.println("Enter  the author of the book " + (i+1));
            author=sc.next();
            System.out.println("Enter  the price of the book " + (i+1));
            price=sc.nextDouble();
            System.out.println("Enter  the number of pages of book " +
(i+1));
            no_of_page=sc.nextInt();
            ob[i]= new lab_program3(name,author,price,no_of_page);
          //ob[i]=new lab_program3(name,author,price,)
        }
        for(int i=0;i<n;i++)
        {
            System.out.println("Displaying  the details of the book " +
(i+1));
            System.out.println();
            System.out.println(ob[i]);
        }
public class lab_program3
{
    public String name;
    public String author;
```

```java
    public double price;
    public int no_of_pages;
    public lab_program3(String n,String a,double pri,int pages)
    {
        name=n;

        author=a;

        price=pri;

        no_of_pages=pages;
    }
    @Override
    public String toString()
    {
        return "Name of the book is: " + name + " ,\n Author Of The Book
Is: " + author +" ,\n Cost of the book is: " + price + " \n Number Of
Pages  in the book is " + no_of_pages;
    }
}
```

```
C:\Users\hp\Desktop>javac lab3.java

C:\Users\hp\Desktop>java lab3
Enter the number of books
3
Enter the name of the book 1
a
Enter the author of the book 1
a
Enter the price of the book 1
45
Enter the number of pages of book 1
67
Enter the name of the book 2
B
Enter the author of the book 2
b
Enter the price of the book 2
45
Enter the number of pages of book 2
78
Enter the name of the book 3
S
Enter the author of the book 3
s
Enter the price of the book 3
45
Enter the number of pages of book 3
67
Displaying the details of the book 1

Name of the book is: a ,
 Author Of The Book Is: a ,
 Cost of the book is: 45.0
 Number Of Pages in the book is 67
Displaying the details of the book 2

Name of the book is: B ,
 Author Of The Book Is: b ,
 Cost of the book is: 45.0
 Number Of Pages in the book is 78
Displaying the details of the book 3

Name of the book is: S ,
 Author Of The Book Is: s ,
 Cost of the book is: 45.0
 Number Of Pages in the book is 67

C:\Users\hp\Desktop>
```