

Lab 4 program

```
import java.lang.*;

public class lab-program3 {
    public static String name;
    public static String author;
    public static double price;
    public static int no-of-pages;
    public static void main (String[] args)
    {
        Scanner sc = new Scanner (System.in);
        int n;
        System.out.println ("Enter the no. of books");
        int [] array = new int [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 book" + (i+1));
            price = sc.nextDouble();
            System.out.println ("Enter the number of pages  
of the book" + (i+1));
            no.of pages = sc.nextInt();
        }
        for (int i=0; i<n; i++)
        {
            System.out.println ("displaying the details of book" + (i+1));
            System.out.println ();
            System.out.println (array[i]);
        }
    }
}
```

```

    }
  }
}

```

Output:

Enter no. of books 2

Enter the name of book 1 Shwe

Enter the author of book 1 OK

Enter the price of the book 1 90.

Enter the number of pages of book 1 200.

Enter the name of book 2 swa

Enter the author of book 2 OR

Enter the price of book 2 398

Enter the no. of pages of book 2 600.

Displaying the details of the book 1

Ø

Displaying the details of book 2

Ø.

Algo:-

Step 1:- initializing a class lab program

Step 2:- initializing static variables name, author etc

Step 3:- taking input from the user using Scanner

Step 4:- initializing array to limit books & detail

Step 5:- & printing the details using for loop

3
shwe
ok
90
900
swa
or
398
600
sak
exx
70
500

```
$javac lab_program3.java
```

```
$java -Xmx128M -Xms16M lab_program3
```

```
Enter the number of books  
Enter the name of the book 1  
Enter the author of the book 1  
Enter the price of the book 1  
Enter the number of pages of book 1  
Enter the name of the book 2  
Enter the author of the book 2  
Enter the price of the book 2  
Enter the number of pages of book 2  
Enter the name of the book 3  
Enter the author of the book 3  
Enter the price of the book 3  
Enter the number of pages of book 3  
Displaying the details of the book 1
```

0