

OOJ LAB WEEK 5- LAB PROGRAM

Program and Output

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Program-

```
import java.util.Scanner;

class Book
{
    String name;
    String author;
    int price;
    int num_pages;

    void accept ()
    {
        Scanner xx = new Scanner (System.in);
        System.out.println ("ENTER DETAILS-");
        System.out.println ("enter book name:");
        name = xx.next ();
        System.out.println ("enter author:");
        author = xx.next ();
        System.out.println ("enter price:");
        price = xx.nextInt ();
        System.out.println ("enter number of pages:");
```

```
        num_pages = xx.nextInt ();

    }

    public String toString ()
    {
        return ("book name= " + name+"\n book author= " + author+"\n book price= " +
price+"\nnumber of pages= " + num_pages);
    }
}
```

```
class Main
{
    public static void main (String ss[])
    {
        Scanner xx = new Scanner (System.in);

        System.out.println ("enter number of objects:");
        int n = xx.nextInt ();
        Book b[] = new Book[n];
        for (int i=0; i < n; i++)
        {
            b[i] = new Book ();
            b[i].accept();
        }
        System.out.println ("Book details:");
        for (int i=0; i < n; i++)
        {
```

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

        System.out.println (b[i].toString());

    }

}

}
```

Output-

```
ENTER DETAILS-
enter book name:
harrypotter
enter author:
jkr
enter price:
444
enter number of pages:
333
ENTER DETAILS-
enter book name:
divergent
enter author:
vr
enter price:
234
enter number of pages:
312
Book details:
BOOK 1
book name= harrypotter
book author= jkr
book price= 444
number of pages= 333
BOOK 2
book name= divergent
book author= vr
book price= 234
number of pages= 312
```

Activate Windows
Go to Settings to activate Windows.