→ Program - 3

```java
import java.util.*;
import java.lang.*;
class Book
{
    String name, author, int price, num_pages;
    void getval()
    {
        Scanner sc = new Scanner(System.in);
        System.out.println("Enter book name");
        name = sc.next();
        System.out.println("Enter author name");
        author = sc.next();
        System.out.println("Enter price");
        price = sc.nextInt();
        System.out.println("Enter no.of pages");
        num_pages = sc.nextInt();
    }
    public String toString()
    {
        return(name +" " + author +" " + price +" " + num_pages
        " ");
    }
    void display(Book o)
    {
        System.out.println(o);
```

(right column, partially visible)

```
        }
    }
class Bookv...
{
    public st...
    {
        Scanner ...
        System.ou...
        int n = i...
        Book[] o...
        for(int ...
        ob[i] = ...
        for(int ...
        { ob...
        for(i...
        { ob ...
        }
    }
```

Output.

```java
            }
        }
class Bookvck
{
    public static void main (String aegs [])
    {
        Scanner in = new Scanner (System.in);
        System.out.println ("Enter the no of book objects");
        int n = in.nextInt ();
        Book [] ob = new Book [n];
        for (int i=0; i<n; i++){
        ob[i] = new Book ();
        for (int i=0; i<n; i++)
        { ob [i]. getval (); }
        for (int i=0; i<n; i++)
        { ob [i]. display (ob [i]); }
        }
    }
}
```

Output.

Enter the no of books - 2
Enter the book name - Ikigai
Enter author name - arun
Enter no of pages - 700
Enter book name - Source
Enter author name - Sahil
Enter price - 500
Enter no of pages - 600
Ikigai   arun   200   700
Source   sahil   500   600