

Code:

```
import java.util.Scanner;

class Book
{
    String name;

    String author;

    String price;

    String num_pages;

    public Book(){
        name="abc";

        author="xyz";

        price="100rs";

        num_pages="500";

    }

    void getData()
    {
        Scanner s1=new Scanner(System.in);

        System.out.println("Enter Book name:");

        name=s1.next();

        System.out.println("Enter Author name:");

        author=s1.next();

        System.out.println("Enter Book price:");

        price=s1.next();

        System.out.println("Enter number of pages:");

        num_pages=s1.next();

    }
}
```

```
        public String toString(){  
            return("Book: "+name+"\nAuthor: "+author+"\nPrice: "+price+"\nNumber of pages:  
"+num_pages);  
        }  
    }  
}
```

```
public class BookMain
```

```
{  
    public static void main(String args[])  
    {  
        int i,n;  
        Book tempobj=new Book();  
        System.out.println("Constructor values:");  
        System.out.println(tempobj.toString());  
        System.out.println("Enter number of books:");  
        Scanner s=new Scanner(System.in);  
        n=s.nextInt();  
        Book [] ob=new Book[n];  
        for(i=0;i<n;i++)  
        {  
            ob[i]=new Book();  
            ob[i].getData();  
            System.out.println("----");  
        }  
        System.out.println("Details of all books:");  
        for(i=0;i<n;i++)  
        {  
            System.out.println("Book : "+(i+1));  
        }  
    }  
}
```

```
        System.out.println(ob[i].toString());
    }
}
}
```

OUTPUT:

```
C:\Users\misaf\Desktop\OOJ-LAB>java BookMain
Constructor values:
Book: abc
Author: xyz
Price: 100rs
Number of pages: 500
Enter number of books:
2
Enter Book name:
abc
Enter Author name:
jake
Enter Book price:
300
Enter number of pages:
1000
----
Enter Book name:
qwert
Enter Author name:
jon
Enter Book price:
600
Enter number of pages:
100
----
```

```
----
Details of all books:
Book : 1
Book: abc
Author: jake
Price: 300
Number of pages: 1000
Book : 2
Book: qwert
Author: jon
Price: 600
Number of pages: 100
```