

WEEK - 5 / LAB - 3

1. Create class book which contains four memb, name, author, price, num-pages. Include constructor to set values, toString method to display book detail. n book objects

```
import java.util.*;
```

```
class book
```

```
{
```

```
    String name;
```

```
    String author;
```

```
    int price;
```

```
    int num-pages;
```

```
    book()
```

```
{
```

```
    Scanner in = new Scanner(System.in)
```

```
    System.out.println("Enter book Name");
```

```
    name = in.nextLine();
```

```
    System.out.println("Enter author Name");
```

```
    author = in.nextLine();
```

```
    System.out.println("Enter price");
```

```
    price = in.nextInt();
```

```
    System.out.println("Enter no. of pages");
```

```
    num-pages = in.nextInt();
```

```
}
```

```
    public String toString()
```

```
{
```

```
        return (" \n Book Name: " + name + " Author: " + author +  
                " \n Price: " + price + " \n No of pages: " +  
                num-pages);
```

```
}
```

```
}
```


Class bookman

{

```
public static void main (String[] args)
```

{

```
int n;
```

```
Scanner in = new Scanner (System.in);
```

```
System.out.println("Enter no. of books");
```

```
n = in.nextInt();
```

```
book b[] = new book [n];
```

```
for (int i = 0; i < n; i++)
```

```
{
```

```
System.out.println("Enter details of book "+ (i+1));
```

```
b[i] = new book();
```

```
}
```

```
for (int i = 0; i < n; i++)
```

```
{
```

```
System.out.println("\n Details of book "+ (i+1));
```

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

```
}
```

```
}
```

```
}
```

Output

Enter no. of books

1

Enter details of book 1.

Enter book Name

Java

Enter Author name

me

Enter price

5000

Enter no of pages
500

Details of book 1

Book Name : Jana

Author : me

Price : 5000

No of pages : 500.