

6/11/2020
IBMIT7C5071

OOTJ Lab Program - 3

```
import java.util.Scanner;
class Book
{
    String name, author;
    int num-pages;
    float price;
    Book()
    {
        name = "";
        author = "";
        num-pages = 0;
        price = 0.0 f;
    }
    void Accept()
    {
        Scanner in = new Scanner(System.in);
        System.out.println("Enter the name  
of the book");
        name = in.nextLine();
        System.out.println("Enter the author  
of the book");
        author = in.nextLine();
    }
}
```

```
System.out.println("Enter the price  
of the book");
```

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

```
System.out.println("Enter the total  
number of pages of the book");
```

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

```
}
```

```
public String toString()
```

```
{
```

```
return ("Name of the book: " + name  
+ " Author: " + author + " Price: " +  
price + " Pages: " + num-pages);
```

```
}
```

```
}
```

```
class BookMain
```

```
{
```

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

```
{
```

```
int n;
```

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

```
System.out.println("Enter the number  
of objects");
```

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

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

```

for (int i = 0; i < n; i++)
{
    b[i] = new Book();
    b[i].Accept();
}
for (int i = 0; i < n; i++)
{
    System.out.println(b[i]);
}

```