

Lab Program - 3

```
=> import java.util.* Scanner;
```

```
class Book {
```

```
    private String name;
```

```
    private String author;
```

```
    private double price;
```

```
    private int num pages;
```

```
    Book ()
```

```
{
```

```
    name = "xxx";
```

```
    author = "yyy";
```

```
    price = 10.00;
```

```
    num pages = 10;
```

```
}
```

```
    Book (String na, string a, double p, int n)
```

```
{
```

```
    name = na;
```

```
    author = a;
```

```
    price = p;
```

```
num pages = n;  
}
```

```
void getData()
```

```
{
```

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

```
System.out.println ("enter the book name");
```

```
name = xx.next();
```

```
System.out.println ("enter the author name");
```

```
author = xx.next();
```

```
System.out.println ("enter the price");
```

```
price = xx.nextDouble();
```

```
System.out.println ("enter the number of pages");
```

```
num pages = xx.nextInt();
```

```
}
```

```
void display details()
```

```
{
```

```
System.out.println ("book name = " + name);
```

```
System.out.println ("book author = " + author);
```

```
System.out.println ("price = " + price);
```

```
System.out.println ("no. of pages = " + num pages);
```

}

public string toString()

{

return ("* Details: book name = "+name+"
author = "+author+" price "+price+" no.
of pages = "+num pages);

}

}

class book main {

{

public static void main (String s[])

{

Scanner sc = new Scanner (System.in);

int n;

System.out.println("enter the number of
books");

n = sc.nextInt();

Book [] ob = new book [n];

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

{

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

```
ob[i] = new book("awesome", "Data",  
                200.07, 200);
```

```
ob[i].getData();
```

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

```
}
```

```
}
```

```
}
```