

### LAB - 3

13-10-20

```
import java.util.Scanner;  
class Book
```

```
{  
    private String name, author;  
    private double price;  
    private int numPages;
```

```
Book()  
{
```

```
    name = "Famous Five";  
    author = "Enid Blyton";  
    price = 200.00;  
    numPages = 350;
```

```
}
```

```
void getDetails()  
{
```

```
    Scanner sc = new Scanner(System.in);  
    System.out.println("Enter book name:");  
    name = sc.next();  
    System.out.println("Enter author:");  
    author = sc.next();  
    System.out.println("Enter the number of pages:");  
    numPages = sc.nextInt();  
    System.out.println("Enter the price");  
    price = sc.nextDouble();
```

```
}
```

```
public String toString()  
{
```

```
    String temp = "Book Name: " + name + "\nAuthor: " + author  
        + "\nNumber of Pages" + numPages + "\nPrice" + price;  
    return temp;
```

```
}
```

```
}
```

```
class BookMain1
```

```
{
```

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

```
    {
```

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

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

```
int n = sc.nextInt();
```

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

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

```
{
```

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

```
}
```

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

```
{
```

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

```
    b[i].getgetDetails();
```

```
}
```

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

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

```
}
```

```
}
```