

6/11/2020

Lab program-3

IBM19CS168
Swetha Patil

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

```
class Book {
```

```
    String name;
```

```
    String author;
```

```
    int num-pages;
```

```
    double price;
```

```
    Book () {
```

```
        this.name = "";
```

```
        this.author = "";
```

```
        this.num-pages = 1;
```

```
        this.price = 1.0;
```

```
    }
```

```
    void accept ()
```

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

```
        System.out.println("Enter name & author");
```

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

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

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

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

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

```
    }
```

```
    public String toString()
```

```
    {
```

```
        return ("details: book name: " + name + "author: " +  
                author + "price: " + price + "pages: " + pages)
```

```
    }
```

```
}
```

```
class Book1 {  
    public static void main(String[] args).  
    {  
        Scanner sc = new Scanner(System.in);  
        System.out.println("Enter num of books");  
        int num = sc.nextInt();  
        Book ob[] = new Book[num];  
        for (int i=0; i<num; i++)  
        {  
            ob[i] = new Book();  
            ob[i].accept();  
            System.out.println(ob[i]);  
        }  
    }  
}
```