



LEADING UNIVERSITY, SYLHET

Dept. of Computer Science & Engineering

An Assignment on

Topic

Course Code: CSE-2214

Course Title: Object Oriented Programming Sessional

Submitted To:

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Lecturer

Coach, Programming Contest Teams

Computer Science & Engineering

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```
class Book{

    String title; String author; int price; int pages; String publication; String edition;

    void showInfo()
    {
        System.out.println(title + " " + edition + " edition");
        System.out.println("By " + author);
        System.out.println(pages + " pages");
        System.out.println("Price: " + price + " tk");
        System.out.println(publication);
    }
}

public class task_01{
    public static void main(String[] args)
    {
        Book book1 = new Book();
        book1.title = "Java for Beginners ";
        book1.edition = "3rd";
        book1.author = "Prof.David";
        book1.pages = 537;
        book1.price = 299;
        book1.publication = "Easy Coding Publication";

        Book book2 = new Book();
        book2.title = "Omega Point ";
        book2.edition = "12th";
        book2.author = "Humayun Ahmed";
    }
}
```

```
book2.title = "Omega Point ";
book2.edition = "12th";
book2.author = "Humayun Ahmed";
book2.pages = 122;
book2.price = 128;
book2.publication = "Shomoy Prokashoni";
```

```
Book book3 = new Book();
book3.title = "Digital Fortress ";
book3.edition = "5th";
book3.author = "Dan Brown";
book3.pages = 356;
book3.price = 520;
book3.publication = "St. Marthin Press";
```

```
book1.showInfo();
book2.showInfo();
book3.showInfo();
```

```
}
```

```

class Books{

    String title;
    String author;
    int price;
    int pages;
    String publication;
    String edition;
    void showInfo()
    {
        System.out.println(title + " " + edition + " edition");
        System.out.println("By " + author);
        System.out.println(pages + " pages");
        System.out.println("Price: " + price + " tk");
        System.out.println(publication);
    }

    String GetAddress()
    {
        return this.toString();
    }

}

```

```

public class task_02 {
    public static void main(String[] args)
    {

        Books book1 = new Books();
        book1.title = "Java for Beginners ";
        book1.edition = "3rd";
    }
}

```

```
book1.title = "Java 101 Beginners ";
book1.edition = "3rd";
book1.author = "Prof.David";
book1.pages = 537;
book1.price = 299;
book1.publication = "Easy Coding Publication";
book1.showInfo();
```

```
System.out.print("\n");
```

```
Books book2 = new Books();
book2.title = "Omega Point ";
book2.edition = "12th";
book2.author = "Humayun Ahmed";
book2.pages = 122;
book2.price = 128;
book2.publication = "Shomoy Prokashoni";
book2.showInfo();
```

```
System.out.print("\n");
```

```
Books book3 = new Books();
book3.title = "Digital Fortress ";
book3.edition = "5th";
book3.author = "Dan Brown";
book3.pages = 356;
book3.price = 520;
book3.publication = "St. Marthin Press";
book3.showInfo();
```

```
book3.showInfo();

String str1 = book1.GetAddress();
String str2 = book2.GetAddress();
String str3 = book3.GetAddress();

String[] array1 = str1.split("@");
String[] array2 = str1.split("@");
String[] array3 = str1.split("@");

System.out.println("Memory Address Book1:- " +array1[1]);
System.out.println("Memory Address Book2:- " +array2[1]);
System.out.println("Memory Address Book3:- " +array3[1]);

System.out.println();

System.out.println("After...");
book1 = book3;
book1.edition = "1st";
book3.showInfo();

String cstr1 = book1.GetAddress();
String cstr3 = book3.GetAddress();

String[] chararray1 = cstr1.split("@");
String[] chararray3 = cstr3.split("@");

System.out.println("Memory Address Book1:- " +chararray1[1]);
System.out.println("Memory Address Book2:- " +array2[1]);
System.out.println("Memory Address Book3:- " +chararray3[1]);
```