



# **LEADING UNIVERSITY, SYLHET**

Dept. of Computer Science & Engineering

**An Assignment on  
Topic  
Class & Objects**

Course Code: CSE-2213

Course Title: Object Oriented Programming

**Submitted To:**

Teacher Name:

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Designation

Lecturer Coach, Programming Contest Teams  
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**Date Of Submission:**

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```

1  package task_1;
2
3  class Book{
4
5      String title; String author; int price; int pages; String publication; String edition;
6
7      void showInfo()
8      {
9          System.out.println(title + " " + edition + " edition");
10         System.out.println("By " + author);
11         System.out.println(pages + " pages");
12         System.out.println("Price: " + price + " tk");
13         System.out.println(publication);
14     }
15 }
16
17
18 class Task_1{
19     public static void main(String[] args)
20     {
21         Book book1 = new Book();
22         book1.title = "Beginning Programming with Java For Dummies ";
23         book1.edition = "5th";
24         book1.author = "Barry Burd";
25         book1.pages = 600;
26         book1.price = 49;
27         book1.publication = "Codes for Programmers";
28
29
30         Book book2 = new Book();
31         book2.title = "Harry Potter and the Goblin of Fire ";
32         book2.edition = "1st";
33         book2.author = "J.K Rowling";
34         book2.pages = 122;
35         book2.price = 128;
36         book2.publication = "Pottermore Publishing";
37
38         book1.showInfo();
39         book2.showInfo();
40     }
41 }

```

```

1
2 package task_2;
3
4 public class Task_2 {
5
6     public static void main(String[] args) {
7         Book book1 = new Book();
8         Book book2 = new Book();
9         Book book3 = new Book();
10
11         book1.book_name = "book1";
12         book1.title_1 = "JAVA for Beginners ";
13         book1.edition = 3;
14         book1.title_2 = "rd edition";
15         book1.author = "By Prof. David";
16         book1.total_pages = "537 pages";
17         book1.price = "299tk";
18         book1.publication = "Easy Coding Publications";
19         book1.showinfo();
20
21         book2.book_name = "book2";
22         book2.title_1 = "Omega Point ";
23         book2.edition = 12;
24         book2.title_2 = "th edition ";
25         book2.author = "By Humayun Ahmed";
26         book2.total_pages = "122 pages";
27         book2.price = "128tk";
28         book2.publication = "Shomoy Prokashoni";
29         book2.showinfo();
30
31         book3.book_name = "book3";
32         book3.title_1 = "Digital Fortress ";
33         book3.edition = 5;
34         book3.title_2 = "th edition ";
35         book3.author = "By Dan Brown";
36         book3.total_pages = "356 pages";
37         book3.price = "520 tk";
38         book3.publication = "St. Martin Press";
39         book3.showinfo();
40
41
42         System.out.println("Memory of book1 = " + book1);
43         System.out.println("Memory of book2 = " + book2);
44         System.out.println("Memory of book3 = " + book3);
45         System.out.println();
46
47         book1 = book3;
48
49         book1.edition = 1;
50
51         book3.showinfo();
52
53         System.out.println("Memory of book1 = " + book1);
54         System.out.println("Memory of book2 = " + book2);
55         System.out.println("Memory of book3 = " + book3);
56         System.out.println();
57     }
58 }
59
60 public class Book {
61     String book_name, title_1, title_2, author, total_pages, price, publication;
62     int edition;
63
64     void showinfo()
65     {
66         System.out.println(book_name);
67         System.out.println(title_1 + edition + title_2);
68         System.out.println(author);
69         System.out.println(total_pages);
70         System.out.println("Prices: " + price);
71         System.out.println(publication);
72         System.out.println();
73     }
74 }

```

