Java Week 4: Q5

Modify the code segment to print the following output.

-----------------OUTPUT-------------------
Circle: This is Shape1
Circle: This is Shape2
-------------------------------------------------

Sample Test Cases

<table>
<thead>
<tr>
<th>Input</th>
<th>Output</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Circle: This is Shape1</td>
</tr>
<tr>
<td></td>
<td>Circle: This is Shape2</td>
</tr>
</tbody>
</table>

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

Sample solutions (Provided by instructor)

```java
// Interface ShapeX is created
interface ShapeX {
    public String base = "This is Shape1";
    public void display1();
}

// Interface ShapeY is created which extends ShapeX
interface ShapeY extends ShapeX {
    public String base = "This is Shape2";
    public void display2();
}

// Class ShapeG is created which implements ShapeY
class ShapeG implements ShapeY {
    public String base = "This is Shape3";
    //Overriding method in ShapeX interface
    public void display1() {
        System.out.println(base);
    }
}
```
public void display1() {
    System.out.println("Circle: " + ShapeX.base);
}
// Overriding method in ShapeY interface
public void display2() {
    System.out.println("Circle: " + ShapeY.base);
}

// Main class Question
public class Question45{
    public static void main(String[] args) {
        ShapeG circle = new ShapeG();
        circle.display1();
        circle.display2();
    }
}

Object of class shapeG is created and display methods are called.

// Main class Question
public class Question45{
    public static void main(String[] args) {
        ShapeG circle = new ShapeG();
        circle.display1();
        circle.display2();
    }
}

// Main class Question
public class Question45{
    public static void main(String[] args) {
        ShapeG circle = new ShapeG();
        circle.display1();
        circle.display2();
    }
}
Assignment Solution

Books

Live Interactive Session