Java Week 4: Q3

The program in this assignment is attempted to print the following output:

-------------OUTPUT--------------
This is large
This is medium
This is small
This is extra-large

However, the code is intentionally implemented with some bugs in it. Debug the code to execute the program successfully.

Sample Test Cases

<table>
<thead>
<tr>
<th>Input</th>
<th>Output</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>This is large</td>
</tr>
<tr>
<td></td>
<td>This is medium</td>
</tr>
<tr>
<td></td>
<td>This is small</td>
</tr>
<tr>
<td></td>
<td>This is extra-large</td>
</tr>
</tbody>
</table>

Test Case 1

<table>
<thead>
<tr>
<th>Input</th>
<th>Output</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>This is large</td>
</tr>
<tr>
<td></td>
<td>This is medium</td>
</tr>
<tr>
<td></td>
<td>This is small</td>
</tr>
<tr>
<td></td>
<td>This is extra-large</td>
</tr>
</tbody>
</table>

Test Case 2

<table>
<thead>
<tr>
<th>Input</th>
<th>Output</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>This is large</td>
</tr>
<tr>
<td></td>
<td>This is medium</td>
</tr>
<tr>
<td></td>
<td>This is small</td>
</tr>
<tr>
<td></td>
<td>This is extra-large</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)

```
1 interface ExtraLarge{
2     static String extra = "This is extra-large";
```
class Large {
    public void Print() {
        System.out.println("This is large");
    }
}

class Medium extends Large {
    public void Print() {
        super.Print();
        System.out.println("This is medium");
    }
}

class Small extends Medium {
    public void Print() {
        super.Print();
        System.out.println("This is small");
    }
}

class Question43 implements ExtraLarge{
    public static void main(String[] args) {
        Small s = new Small();
        s.Print();
        Question43 q = new Question43();
        q.display();
    }
    public void display(){
        System.out.println(extra);
    }
}