Java Week 12:Q4

A program code is given to call the parent class static method and instance method in derive class without creating object of parent class. You should write the appropriate code so that the program print the contents of static method() and instance method () of parent class.

Sample Test Cases

<table>
<thead>
<tr>
<th>Test Case</th>
<th>Input</th>
<th>Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test Case 1</td>
<td></td>
<td>The instance method.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>The static method.</td>
</tr>
<tr>
<td>Test Case 2</td>
<td></td>
<td>The instance method.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>The static method.</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
class Parent {
    public static void testClassMethod() {
        System.out.println("The static method.");
    }
    
    public void testInstanceMethod() {
        System.out.println("The instance method.");
    }
}

class Child extends Parent {
    public static void testClassMethod() {
    }

    public static void main(String[] args) {
        // Call the instance method in the Parent class
        Child c = new Child();
        c.testInstanceMethod();

        // Call the static method in the Parent class
        Parent.testClassMethod();
    }
}
```
Week 12:

- Lecture 56: Case Studies —I (unit=13&lesson=70)
- Lecture 57: Case Studies —II (unit=13&lesson=71)
- Lecture 58: Case Studies —III (unit=13&lesson=72)
- Lecture 59: Case Studies —IV (unit=13&lesson=73)
- Lecture 60: Case Studies —V (unit=13&lesson=74)
- Quiz: Assignment 12 (assessment? name=189)
- Java Week 12: Q1 (/noc20_cs08/progassignment? name=190)
- Java Week 12: Q2 (/noc20_cs08/progassignment? name=191)
- Java Week 12: Q3 (/noc20_cs08/progassignment? name=192)
- Java Week 12: Q4 (/noc20_cs08/progassignment? name=193)
- Java Week 12: Q5 (/noc20_cs08/progassignment? name=194)
- Feedback For Week 12 (unit=13&lesson=197)

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20  //Parent ob=c;
21  //ob.testClassMethod();
22  }
23  }
24  
25  

https://onlinecourses.nptel.ac.in/noc20_cs08/progassignment?name=193