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.

Private Test cases used for evaluation	Input	Expected Output	Actual Output	Status
Test Case 1		The instance method.\n The static method.\n	The instance method.\n The static method.\n	Passed

The due date for submitting this assignment has passed.
1 out of 1 tests passed.
You scored 100.0/100.

Assignment submitted on 2020-12-09, 12:44 IST

Your last recorded submission was :

```java
1  class Parent {
2      public static void testClassMethod() {
3          System.out.println("The static method.");
4      }
5      public void testInstanceMethod() {
6          System.out.println("The instance method.");
7      }
8  }
9  public class Child extends Parent {
10     public static void testClassMethod() { }
11
12 public static void main(String[] args) {
13         Child c = new Child();
14     c.testInstanceMethod();
15
16      // Call the static method in the Parent class
17     Parent.testClassMethod();
18
19     //Parent ob=c;
20     //ob.testClassMethod();
21   }
22 }
23
```

Sample solutions (Provided by instructor)

```java
1  class Parent {
2      public static void testClassMethod() {
3          System.out.println("The static method.");
4      }
5      public void testInstanceMethod() {
6          System.out.println("The instance method.");
7      }
8  }
9  public class Child extends Parent {
10     public static void testClassMethod() { }
11
12 public static void main(String[] args) {
13
14      // Call the instance method in the Parent class
15     Child c= new Child();
16     c.testInstanceMethod();
17
18      // Call the static method in the Parent class
19     Parent.testClassMethod();
20
21     //Parent ob=c;
22     //ob.testClassMethod();
23   }
24 }
25
```