

Logical:

```
public class ReverseString {
    public static String reverse(String str) {
        String reversed = "";
        for (int i = 0; i <= str.length(); i++) {
            reversed += str.charAt(i);
        }
        return reversed;
    }
    public static void main(String[] args) {
        System.out.println(reverse("hello"));
    }
}
```

Syntax:

```
class ParentStatic {
    public static void show() {
        System.out.println("Parent static method");
    }
}
class ChildStatic extends ParentStatic {
    public void show() {
        System.out.println("Child method");
    }
}
public class TestStatic {
    public static void main(String[] args) {
        ChildStatic c = new ChildStatic();
        c.show();
    }
}
```