

Logical:

```
public class CountVowels {
    public static int countVowels(String str) {
        int count = 0;
        for (char c : str.toCharArray()) {
            if ("AEIOUaeiou".contains(c + "")) {
                count++;
            }
        }
        return count;
    }
    public static void main(String[] args) {
        System.out.println(countVowels("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();
    }
}
```