

Logical:

```
public class PrimeCheck {
    public static boolean isPrime(int n) {
        if (n < 2) return false;
        for (int i = 2; i * i <= n; i++) {
            if (n % i == 0) return false;
        }
        return true;
    }
    public static void main(String[] args) {
        System.out.println(isPrime(7));
    }
}
```

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();
    }
}
```