

Question 1

Please indicate if each statement is `true` or `false` by returning the appropriate `boolean` from the corresponding method in the `BinaryWarmUp` class!

For example, the following means the first statement is false.

```
public static boolean s1() {  
    return false;  
}
```

Statements

1. The checkstyle tool can be used to ensure that programs meet a minimal and consistent style standard.
2. All implementations of a particular interface will have the same performance characteristics for each method.
3. The methods of an inner (non-static, nested) class in JAVA have access to all the instance variables in the outer class.
4. When the `head` reference variable is `NULL`, it signifies an empty linked list.
5. Big Omega (Ω) is used to describe the upper bound on the asymptotic complexity of an algorithm.