

SWE 619 Assignment 11

Fall 2019

Goal: Favoring composition over inheritance. Bloch, Item 18.

Consider the `InstrumentedSet` example from Bloch Item 18 (as well as in-class exercise #10A).

1. Replace `Set` with `List`. There is no problem with `equals()`. Why not?
2. Replace `Set` with `Collection`. Now `equals()` does not satisfy its contract.
 - Explain why there is a problem.
 - Demonstrate the problem with a suitable JUnit test.

The GTA will look for correct responses, appropriate JUnit tests, and plausible explanations when doing the grading.