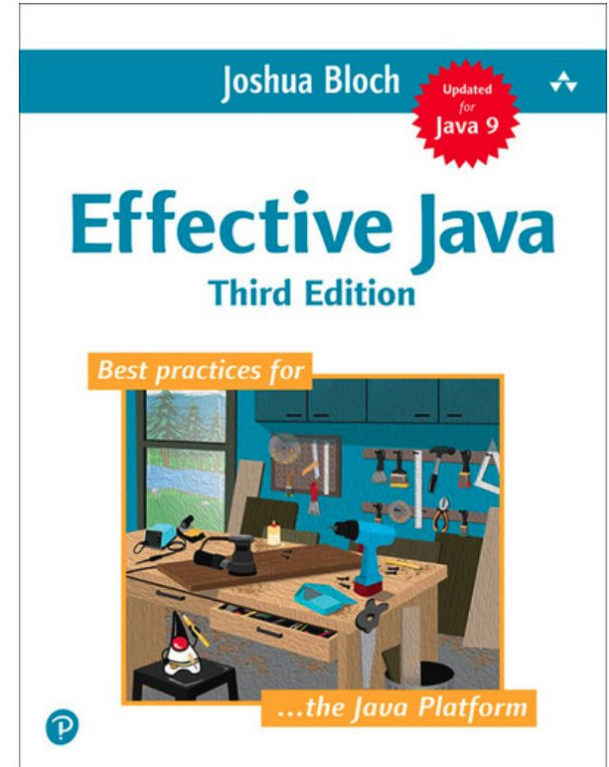# Cautionary tale of overriding Object methods

Mars Rover Kata: Live Demo by Maria Schönholzer

Effective Java by Joshua Bloch

- Item 10: Obey the general contract when overriding **equals**
- Item 11: Always override **hashCode** when you override equals
- Item 3: Enforce the singleton property with a private constructor or an enum type
- Item 38: Emulate extensible enums with interfaces
- Item 20: Prefer interfaces to abstract classes
- Item 18: Favor composition over inheritance

Code examples from the Demo

https://github.com/Alcor-Academy/css-cohort-13/tree/maria/RUNNING/Lesson-4