

Day 4 Lesson Plan

Discussion of inheritance and composition

- OOP Extension mechanisms¹

Reading

- Watch Function Structure video selected parts²
- Read Function Structure notes³
- Optional read: Clean Code, chapter 3⁴
- Points to get:
 - How many arguments should functions have?
 - Why should we avoid boolean arguments to functions?
 - What does the *stepdown rule* say?
 - What does the *command-query separation* rule say?
 - What does the *tell, don't ask* rule say?
 - What are function *side-effects*?
 - What is *temporal coupling*?
- Read Code Smells⁵

¹ [../cheatsheets/OOPExtensions.html](#)

² [videos/05-function_structure.html](#)

³ [../activities/activity3-2functionStructure.html](#)

⁴ <https://learning.oreilly.com/library/view/clean-code/9780136083238/chapter03.html#ch3>

⁵ [../activities/activity5-1codeSmells.html](#)