

## Day 3 Lesson Plan

### Activity 1:

- Second part of prime generator refactoring.<sup>1</sup>
- Third part of prime generator refactoring.<sup>2</sup>

TODO

Pencil+Paper? POGIL activity to introduce function structure concepts:

- Number of arguments kept small
- Avoiding boolean arguments
- Null?
- Command-query separation

### Activity 2:

Discussion of basic function structure concepts and reasons behind them:

- Number of arguments kept small
- Avoiding boolean arguments
- Command-query separation
- Null?
- notes<sup>3</sup>

### Lunch

- Get Lunch
- Video (Comments/Form)

### Activity 3:

- code smells<sup>4</sup>

Comments/Form something?? Code reviews

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<sup>1</sup> [../activities/activity2-5aRefactoringPrimesGeneratorPart2.html](#)

<sup>2</sup> [../activities/activity2-5bRefactoringPrimesGeneratorPart3.html](#)

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

<sup>4</sup> [../activities/activity3-3codeSmells.html](#)

**Activity 4:**

Code smells? More refactoring (From refactoring book and/or Clean code chapter 17)

**Activity 5:**

Maybe extend on the grade assignment? Make that a bit more precise