Code At:

<https://github.com/isidore/RefactoringClass>

<https://github.com/LearnWithLlew/DuplicationColoringBook>

<https://github.com/LearnWithLlew/DuplicationKata.java>

<https://github.com/LearnWithLlew/DuplicationKata.cpp.vs2017>

<https://github.com/LearnWithLlew/DuplicationKata.Net>

https://github.com/LearnWithLlew/TestingFunctionalCodeKata.Java

* Introductions [ 1 hour]
  + Lines (Rate yourself
    - Height
    - Name
    - Distance
    - Programmer
    - Unit testing
    - Refactoring
    - What’s code like at work
    - Iphone - Android
  + Strong Style Pair Programming Phone exercise
    - Pair up android with iphone owners
    - They navigate each other through using some feature or game or something
* ChartSmart (Mob)
  + Clutter [ 1 hour]
    - Sparrow Decks Intro -> Sparrows
    - Clutter Deck
    - Retro on pattern of Clutter
      * Showed retro videos - Monkey business, Fa Fa Fa
      * Did post it note observation retro
      * [Everyone feels they will seem stupid if they say stuff, this helps them see everyone will say things that are wrong]
    - Delete Clutter (2 minute rotations)
      * WZ TODO: Learn to use Java Chartsmart
      * Commit on rotation
      * Ending - Show patterns slides & retro
  + Complexity
    - Names
      * Bad Names Deck
      * Slides about Arlo’s Path for Naming
        + Never skip a step (during training)
      * Improve Names & magic numbers
        + Magic numbers are “missing names”
    - Paragraphs
      * Sparrow Decks [Do these decks one after the other]
        + Long Lines Deck
        + Long Methods Deck
        + Paragraphs Deck
      * Extracting Paragraphs - As Mob
  + Retro
* LUNCH
* Individual Exercises Duplication ( 3 hours) - Pairing
  + Use Kata Cups
  + Duplication Deck
  + Coloring Exercises
  + Exercise 1 - Simple
    - Video recap - Youtube with Llewellyn - https://www.youtube.com/watch?v=zAqv7jyd6nw&t=8s
  + Exercise 2 - Parameters
    - Video Recap https://www.youtube.com/watch?v=Fw-knDwOZTU&t=10s
  + Exercise 3 - Lambdas & Higher Order Functions
    - Video Recap
* END OF DAY 1
* DAY 2
* ChartSmart (Mob)
  + Duplication
* Individual Exercises Duplication
  + Testing Functional Code Kata [If code is functional it is very easy to test]
    - Code coverage
  + Emily Bache Gilded Rose
    - Combination Testing (Start in a mob, get to 4 combinations, then split up, or follow the leader)
    - 100% Code coverage
    - Clean Up.

Following sessions:

Mutation Testing

The Russian Connection

* Peel and Slice

Notes:

Working in “our” manner allows us to work without understanding the code.

Llewellyn mentioned this about a sessions at AONW

“I hate that, but I want to do it so I can hate it with data”

Also:

Read By Refactoring