

Streams

What To Do:

Follow each step carefully. As you complete the lab, submit the source files (.java) problems to the autograder (link is in the Canvas portal). After finishing, please submit your work, as a ZIP, to Canvas, and let one of the AIs know.

For this lab, please place each method inside its own class file labeled as `ProblemX`, where `X` is the problem number. The accompanying test files should be named `ProblemXTest`.

Questions

All problems are listed in *Learning Java - A Test-Driven Approach*.

1. Exercise 3.71 [*Removing duplicate values*]
2. Exercise 3.73 [*A filter then a map*]
3. Exercise 3.75 [*Finding the maximum*]

Note: with this problem, don't cheese it by calling `max`. Try and figure out how to solve it with `reduce`! As a hint, think about how you would find the maximum number in a list of numbers using recursion.