Weekly Assignments 2

- W2.2 Dining Philosophers: module `Philosophers` (`src/Philosophers.hs`)

  - 2.2.1: executable `philosophers1` (`philosophers1/Main.hs`)
  - 2.2.2: executable `philosophers2` (`philosophers2/Main.hs`)
  - 2.2.3: executable `philosophers3` (`philosophers3/Main.hs`)

- W2.3 Unsafe IO: module `UnsafeIO` (`src/UnsafeIO.hs`)

- W2.4 Equational Reasoning: `W2.4.md`

- W2.5 Transactions:

  - module `Transactions` (`src/Transactions.hs`)
  - test suite `transactions-test`(`test/TransactionsSpec.hs`) (for 2.5.2)