

Assignment 4

Do the following exercises from “Concepts in Programming Languages by John C. Mitchell.”

Pages 41-47: 3.1 (check your answers with Racket), 3.2, 3.4 (write example codes and tests in Racket), 3.5, 3.6.

Exercise. Implement a fixed-point combinator (as you have seen in the lambda-calculus) in Lisp (or in Racket.) Can you define recursive functions using your combinator?