

## Assignment 3

Do the following exercises from “Types and Programming Languages by Benjamin Pierce.”

**Pages 61-66:** 5.2.2, 5.2.3, 5.2.4, 5.2.6, 5.2.7, 5.2.8, 5.2.11.

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

**Pages 83-84:** 4.3, 4.4, 4.5, 4.6.

**Exercise.** Give a recursive definition of the function “plus” that takes two natural numbers and returns their sum in a call-by-value setting. Apply your function to some example arguments and check your answer.