

Assignment #3

ECEN 5023, CSCI 7135

Due February 26, 2008

1. Exercises 9.2.2 and 9.3.2, from the textbook.
2. Extend one of your small-step interpreters for the simply typed lambda calculus to include Booleans and naturals (the features described in Fig. 3-1 and 3-2) and two features from chapter 11.
3. Implement a type checker for the language you've implemented and have the small-step interpreter check that the type of a program does not change from step to step.