

Programming Languages — CPSC 604, Spring 2009

Assignment 5

March 26, 2009

General rules

Return your answers via *CSNET*, or if that fails, by email to the instructor. Late penalty is calculated in the same manner than for Assignment 1; deadline is announced in class and/or on the class web pages.

Assignment

- Provided is a parser, type-checker, evaluator, and pretty printer for simply typed lambda calculus with integers, units, ascription, sequences, and records.. Please extend the type-checker and the evaluator with subtyping for records and function types using the algorithmic rules from class.

Regardless of which files you modify, submit all your `.hs` files and any others, such as example files. Also, include a test suite that can be executed with the shell command “`make test`”. (that means that you need to write a Makefile too).

Extra points for good suggestions and bugfixes of the provided framework.

Enjoy!