HW 5 **Prof. Caldwell**
Due: 14 September 2006 **COSC 3015**

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Problem 1.1. Do problem 1.6.2 on page 25 of Bird.

The standard definition of *curry* works on functions taking a single argument packaged in a pair and turns it into a function that takes two arguments.

$$curry :: ((a, b) \to c) \to a \to b \to c$$

Problem 1.2. Define a function *curry3* where

$$curry3 :: ((a, b, c) \to d) \to a \to b \to c \to d$$

Problem 1.3. Give the type of the following function

$$f \;\; h\ (x, y, z) = h\ x\ y\ z$$