

## COMP 4959: Lab Assignment 2

In class, we saw a simple language that supports a number of binary operations, variables & binding values to variables. It basically only supports the evaluation of an expression. In this lab, you are asked to add support for functions of one argument: their definitions & applications (i.e., invocation). The extended language should still focus on the evaluation of expressions.

You will need to design concrete syntax for function definition & application & implement a lexer & parser for the new language by modifying the ones from class. You will need to add to and/or modify the AST type. Note that you will need to have a constructor for function definition & one for function application. For this lab, you do not need to support higher-order functions. More details will be provided in the lab.