**Nile University of Nigeria, Abuja**

**Department of Computer Science**

**Lab #1**

**November 7, 2022**

**Implement and execute the following in Lisp**

1. Write a procedure *square* that computes the square of a number.
2. Find average of two numbers.
3. Duplicate each element in a list.
4. Eliminate consecutive duplicates in a list

Recursion

1. Write a procedure that counts the number of atoms in a list.