

Lab 16 (*Due: Jun 17*)

C++ PROGRAMMING - COSC 2321

Department of Computer Science and Electrical Engineering

Summer Session I, 2022

Exercises

Create a **New Project** for every exercise. Take a screenshot of the source code along with its output and place the **source code** and the **screenshot** in a **zipped folder** named **LastNameFirstName_Lab16**

Exercise 1

Based on Lab 15, Ex. 3, construct two objects and compare their respective IDs by **overloading** the **[] operator**

Exercise 2

Create a *Class* named **Student** with two private members: **unsigned int ID**, **double GPA**; no public members exist apart from *constructors* (no setters or getters). Construct two **dynamically allocated** objects and compare their private data by **overloading** the **== operator**. That is, if both are equal return true otherwise return false; print a message in either case

Note: Submit through **Canvas**