

# Lab 3 (*Due: May 20*)

## 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\_Lab3**

#### Exercise 1

Create a *.txt* file and type in multiple times numbers from 0...9 (one number per row); enter at least 20 numbers; Utilize a loop to compute the frequency of each number. Print the frequency of each number as well as a histogram (use the '\*' symbol for printing out the histogram)

#### Exercise 2

Read the file created in Ex. 1 and print its contents

#### Exercise 3

Using a **for** loop ask user to enter their **full name** (use one variable for the whole name), their **ID**, and their **grade**. Store all of this information in a file separating each field with a **tab**. Add a **newline** character after all fields have been entered

**Note:** Submit through **Canvas**