ENSF 694 – Summer 2024

**Principles of Software Development II**

**University of Calgary**

**Lab Assignment 1**

Student Name: Yael Gonzalez

Instructor: M. Moussavi, PhD, Peng

Submission Date: July 3, 2024

# Exercise A

## Source Code

A screenshot of a computer program

Description automatically generated

A screenshot of a computer program

Description automatically generated

A screenshot of a computer program

Description automatically generated

## Program Output

A screen shot of a computer

Description automatically generated

# Exercise B – Part II AR diagram

A diagram of a diagram

Description automatically generated

# Exercise C

## Source Code

A screenshot of a computer program

Description automatically generated

A computer screen shot of a program code

Description automatically generated

## Program Output

A screen shot of a computer code

Description automatically generated

# Exercise D

## Part I – AR diagrams for points one, two, and three

### Point One

A screenshot of a computer

Description automatically generated

### Point Two

A screenshot of a calculator

Description automatically generated

### Point Three

A screenshot of a math form

Description automatically generated

## Part II

### Source Code

A computer screen shot of colorful text

Description automatically generated

A computer screen shot of a program code

Description automatically generated

A computer screen shot of code

Description automatically generated

### Program Output

A screenshot of a computer program

Description automatically generated

# Exercise E

A diagram of a diagram with colored wires

Description automatically generated

# Exercise F

*Note on how to submit: Copy and paste your source code, MyArray.cpp, and the program output into your lab report. Also upload your source code: MyArray.h,and MyArray.cpp into the Dropbox on the D2L.*

### Source Code

A screen shot of a computer program

Description automatically generated

A screenshot of a computer program

Description automatically generated

A computer screen shot of a program

Description automatically generated

A screen shot of a computer program

Description automatically generated

### Program Output

A screen shot of a computer

Description automatically generated