**CSCI 1152, Summer 2018  
Lab Assignment 1**

# Objectives

1. Learn how to write a Java class.
2. Learn how to write a Java main method.
3. Learn how to write output to the system console.
4. Learn how to declare, initialize and use variables.
5. Learn how to use mathematical operators.

# Description

Write a Java program that will output your first name and last name to the console as well output the results for the following mathematical calculations:

addResult = operand1 + operand2

subResult = operand2 – operand1

multResult = operand1 \* operand2

divResult = operand2/operand1

# Requirements

1. The class name is required to be Lab1\_<your email id>
   1. For example, my class would be:

public class Lab1\_mgonzales183 {

}

1. Your First and Last Name must be in a comment right before the class declaration.
   1. For example, my class would be:

//Mark Gonzales

public class Lab1\_mgonzales183 {

}

1. The code must declare variables for each operand and each result.
2. The result variables must store the value before printing to the console.
3. Each declared variable must be a float primitive type.
4. operand1 must be initialized to 20.0.
5. operand2 must be initialized to 99.0.
6. The code must match the sample output.

# Sample Output

Mark Gonzales

The addition result is : 119.0

The subtraction result is : 79.0

The multiply result is : 1980.0

The division result is : 4.95

# Testing

I will test your program as follows:

javac Lab1\_<your email id>.java

java Lab1\_<your email id>

# Activity Diagram

## Main Method

