## Name (Given name)

## Date (e.g. January 1, 2020)

CS 3331 – Advanced Object-Oriented Programming – Fall 2020

## Instructor

## Assignment

I confirm that the work of this assignment is completely my own. By turning in this assignment, I declare that I did not receive unauthorized assistance. Moreover, all deliverables including, but not limited to the source code, lab report and output files were written and produced by me alone.

NOTE: Please write in complete sentences (paragraph form). Check grammar, punctuation, and ensure your writing is clear. Write enough to make sure you clearly explain each part of the question.

# **Program Explanation**

In this section, explain the overview of the assignment.

What did you do?

How did you tackle the problem?

What techniques did you use to solve the problem?

Did you break the problem into smaller problems? Explain.

# **What did I learn?**

What did you learn as a result of this assignment?

How can my solution be improved?

What ideas do I have about another way to solve the problem?

How long did it take me to complete this lab assignment?

# **Solution Design**

What did I do in this program?

What was my approach to solving this problem?

What data structures did I use? Why?

What assumptions, if any, did I make?

# **Testing**

How did I test my program?

Did I use black-box, white-box testing, or both? Why?

Did I test my solution enough? How can my testing practices be improved?

What are the test cases I used?

Did I break my program and use that as a way to improve it?

# **Test results**

Describe the results of your tests.

Include any console outputs showing your results.

Include any text document output as a result of your tests.

(Note: Turn in all source code, output results (if applicable), reports, and all other required material specified by the assignment to Blackboard). Save this lab report at Lastname\_Firstname\_Programming\_Assignment # – Do not turn in report with this note