SAIL: Assignment 1

Student Name: Grader Name:

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Reading Assignment: C++ Primer, 5th edition

- Chapter 1 – Getting Started

True or False:

1. **0.5 pt** – A stream is a sequence of characters read from or written to an IO device.

2. **0.5 pt** – Comment pairs that begin with /* and end with */ can be nested in the code.

3. **0.5 pt** – Operator == assigns the value of the right-hand operand to the object denoted by the left-hand operand.

4. **0.5 pt** – The output operator << writes the right-hand operand to the output stream indicated by the left-hand operand. Output operands can be chained together, e.g., cout << "break" << "fast" writes "breakfast" to cout.

Short Questions:

1. **1 pt** – The standard C++ library defines four IO objects. What are they?

2. **1 pt** – What is the purpose of a namespace?

3. **1 pt** – What are the three parts of the for header?

Programming Challenge: Write an application that prompts the user to enter two numbers, and then prints their sum.

1. Write pseudocode for the application.

2. Implement your application in C++.

3. Using Eclipse and SVN, you will eventually commit your code as a project in a directory labeled Cpp and under project name Code1.