

Assignment 1

Student Name:

Grader Name:

Student UIN:

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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 Git, commit your code as a CMake project in a directory labeled `Cpp` and under project name `Code1`.