COMP1000: Software Engineering 1
C1W1 - Exercise 1

Objective:

This assessment aims to evaluate your understanding and application of basic C++ programming concepts, including variable use, simple loops, and basic arithmetic operations.

Assessment Criteria:

- **Correctness:** Your code should perform the specified task correctly.

- **Syntax:** Your code should be free of syntax errors and compile without issues.

- **Clarity:** Your code should be well-organized and include comments where appropriate to explain the logic.

Deadline:

- Submission must be made with other exercises before the deadline through the "C1W1 – Set Exercises" submission point on DLE. Late submissions will not be accepted without prior approval.

Honor Code:

- This assessment is to be completed individually. You must **not** collaborate with other students or use prohibited materials. All submitted work must be your own.

Assessment Tasks:

1. **Variable Declaration and Output (3 Points):**

   - Task: Write a C++ program to declare two integer variables, initialize them with values, and then output their sum.

2. **Simple Arithmetic Operations (3 Points):**

   - Task: Write a C++ program that calculates and prints the product of two numbers (5 and 3) using a multiplication operator.

3. **Basic Loop Use (4 Points):**

   - Task: Write a C++ program that uses a for loop to print numbers from 1 to 10.