

CMP_SC 2050
Algorithm Design and Programming II
Lab 1 (5 Points)

Objectives:

- Get Comfortable with the IDE.
- Solve some problems in C.

Note: If your code does not compile with **-Wall** and **-Werror**, you will receive a zero for this assignment.

Description:

Implement a function, called **compare**, that compares two integers, a and b. If $a \leq b$, then compute $a - b$, otherwise compute $b - a$. This function takes two integers as inputs and stores the output difference of a and b in a pointer.

Every user-defined function must have a comment describing:

1. What function does;
2. What parameter values are;
3. What value it returns.

You also need to finish at least three peer reviews within two days of this lab. Otherwise, you will get 15% penalty.

Function Prototype:

- `void compare (int input1, int input2, int * output);`

Grading Criteria:

- Working function: 3 points
- Main program to test: 1 point
- Comments: 1 point