

Lab 9

Boolean expressions

27 March 2025

More functions this week, this time with a focus on writing and using Boolean functions and expressions. (Not all of the functions will return `bool`, although many do.)

First you'll be writing a function with three parameters, all integers, that determines whether *any two* of the given numbers could be added to get the third.

1. Before you go further in the design process, think carefully about how many test cases you'll need at a minimum, and write out (or type in) some good ones.
2. Follow the process from last week's lab and class to set up `.h`, `.u`, and `.cpp` files that have (for now) just the stuff for this function, and a readme for the directory. (There will be more functions later in the lab.)
3. If you haven't already, type your test cases into the `.u` file.
4. Write the function in the `.cpp` file, test it, and debug it.