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Intro to programming Lab 3 (Errors, error handling, and optional (for now) debugging tutorial)

Work your way through the listed tutorials to try to solve the following problems:

1. Create a program that runs (boiler plate from the first lab should be enough to solve this one),
2. Create a program that:
 - a. includes a syntax error
(does not need to be included in the submitted code, but could be left in as a comment),
 - b. includes a logic error that is explained in the output of the program
(such as by printing to the console the expected value compared to the actual value),
 - c. includes a run-time error that is taken care of by the program itself
(such as by using an if statement, switch statement, loop, or exception handling technique).

Hint: remember to compile and run the program regularly after each small change so that if something goes wrong, you will more easily be able to know where your problem is.

Remember to submit your source file(s) for labs (no need to turn in any files created through the tutorials).