Programming – 2020-01-29

* 2 lab tests, 1 take home assignment
* Java not done this year, will be done next year
* Methods, functions, procedures – A function that let’s you repeat bundles of code
* Libraries are bunches of functions
* Eg1.c = Function Example
* “void” refers to the returned datatype, you must specify what datatype it is (int, float, etc) you can also type “void” which means return nothing.
* E.G
* void starts(void);
* DataType FunctionName(Arguments)
* Using “Void” in the arguments tab works 90% of the time.
* InitComments -> Definitions -> functions -> Main
* Any variables declared in a function remains in this function, this means that you cannot call this function in main. This means you can have multiple variables of the same name across functions (Main is a function).
* Global variables are difficult to debug, thusly it should not be done unless you have a legitimate reason.
* ***MAIN IS ALWAYS EXECUTED FIRST***
* As a rule of thumb, Main should be as small as possible, with Functions handling all processes.