Programming - 16.10.19

* Never use a float for an index variable, as the i++ changes the very end of the float. Basically, instead of “1.1++ being 2.1” it is instead “1.1 being 1.1000000000001”.
* ^ This depends on what compiler you use, basically don’t do it because it won’t work at points.
* C is platform dependent, a C file written on a Windows machine is compiled for windows machines. This means a C program compiled on C will not run on a Linux machine, and must be recompiled.
* Inside a for loop, the variables defined are local. This means that the variable “I” can be used outside the for loop, while not affecting the for loop.
* Y = --X (pre-decrement, decreases the number then assigns)
* Y = X—(post-decrement, assigns the number then decrements)
* Same is true for increments ^
* Cannot be used in a for loop to modify the functioning of the loop. It will always be a post-decrement.
* Like maths, WRITE OUT YOUR WORK. You may get points for it later.
* It’s a good idea to put in sub-brackets. I.E (1+1 + 1+1) instead of ((1+1)+(1+1)), the latter being clearer.