Programming – 14.10.19

* Loops:
* While Loop (While being a reserved word).

While (condition) {

statement 1;

statement 2;

}

* A while loop will not exit until the condition becomes false.
* EXAMPLE CODE 1 – EX1.c – WHILE LOOPS EXAMPLE
* Error checking is required, as human beings are idiots. And will ALWAYS do the wrong thing.
* A variable in a condition must change, if this does not happen. The loop will never stop.
* Recursion: A piece of code that calls itself.
* The do while loop. (*Not the same as a while loop*)

do {

statement 1;

statement 2;

}

while (condition);

* A do while loop is used if you want to execute a block ONCE, and then a normal while loop continues.
* EXAMPLE CODE 2 – EX2.c – DO,WHILE LOOPS EXAMPLE
* If user input is required at least once, use a do-while loop. If not, use a while.
* In a do,while. The “while” part is not a separate while statement. You can’t mix dowhiles and whiles.