W10 Readings

**An Introduction to Functions, Execution Context and the Call Stack**

A function wraps up portions of code you want to reuse again.

Execution context is the space that executes code. It goes through the function line by line (single thread) and stores it in memory.

A call stack keeps track of the calls to functions.

**How to Understand Callbacks & Higher Order Functions**

You can pass functions as parameters to make the code more reusable and easier to change without making repeated code.

A higher order function is the main function that the little function gets passed in or passes out a function.

The little function is that gets passed in the higher order function is the callback.

Higher order functions and callbacks allow you to run asynchronous code. And it simplifies code.