**CIT 261 – Week 02 Notes**

Wow! There was a lot of reading this week. It’s a good thing that a majority of it is review. However, there are a lot of new features with ES6. For me, some of the items I still need to work on gaining a more complete understanding are:

* When to use the ` (backtick) vs. the ‘ or “.
* Symbols.
* Knowing when to use soft verses hard equality (hard equates type as well as value)
* Array manipulation
* Sets
* Maps
* For-of loop

It’s good to see global and local scope similar to the way I’ve seen it before. However, there are some subtle differences where you can still change global values locally and local values globally.

The Assignment by Reference was new to me. Being able to change the value of c when using the d.value was good to know.

0 and -0 are two different values. This can cause potential problems down the road if not careful.

Type coercion can be useful, but I think I’ll need to be careful, especially with assumptions.

I will need to practice more working with arrays and how to manipulate them.

I need work more with sets and maps.

Hoisting is fantastic. Not having to define the function prior to calling it is a handy feature.

I sometimes struggle when too many things are combined into a single line of code. I’m hoping as I gain more experience, I will better understand these highly dense code lines.