**W02 READINGS**

This week reading shows how powerful arrays are in JavaScript. Array accept all sort of data includes: string, number, Boolean, objects etc. They also accept array in array (nested) and do important stuff with the information. But unfortunately, if the size of the declared array is more than the required size, then it can lead to memory wastage because they static data structure with a fixed size. Array can be manipulated or access through their indexes. It starts counting from 0 – to the total numbers of the given information using the length method. With array, we store our information and access them accordingly.

Another powerful achievement this week is the knowledge gained while reading about logics. Logics has proved to be the lighter part of JavaScript, because it is fast in giving conditions and teste. Logic can be used to test two possible condition to see if one met or not. For example; we can set a variable to let = “Friday”; and use the if…else to do some stuff like:

let today = "Tuesday";

if (today === "Friday") {

    console.log("Good Friday");

} else if (today != "Friday") {

    console.log("Please wait until Friday");

}

Again, another great knowledge was gained from loop, studies shows that it is fundamental part of software development because it helps in repeating the same task over and over again. It also in one side perform as logic because it checks for a condition to see if it met or not.

Lastly, functions help us to organize our codes and keep us from repeating the same code over and over again rather it provides us with reusable one that we can keep recusing instead of rewriting new ones. This act of reusing the same code seem to be the good practices. We are advised not to write multiple lines of codes, instead, keep them simple for easy manageable. Multiple lines of codes in one function are bad practices.

Thank you, Sir.

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