**TEACH2GIVE PROGRAM**

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**What I Learnt:**

This week, I broadened my knowledge in JavaScript with advanced array methods such as map(), reduce(), and filter(). I also spent a lot of time learning about asynchronous JavaScript, with deeper dives into the promises and async/await syntax. Through mid-week, I struggled with the DOM; thereafter, I overcame all obstacles by actually creating more practice with selectors and event listeners. Secondly, I acquired communication skills on how to handle a task whose deadline is near with no stress by managing the tasks based on priority.

**What I Did**

**JavaScript:**

Practiced the use of some advanced array methods in data manipulation; specifically, how the reduce() function can be used to transform data in really complex ways. More on that later.

**Asynchronous Programming**: I learnt how to deal with asynchronous code by using promises and async/await syntax. I worked on error handling of async operations.

**DOM Manipulation:** Worked on selecting and manipulating DOM elements using getElementById() and querySelector(). At first, very tricky to generate content dynamically; then mastered how to update the web pages dynamically.

Completed a small task list project by using my skills in DOM manipulation. I have used event listeners to dynamically create and remove items from the web page.

**Communication Skills:** Focused on how one should be in a position to prioritize tasks effectively; especially under high pressure as regards deadlines, and how to remain productive in these time-constrained situations.

**Challenges:**

The greatest challenge this week was DOM manipulation. Initially, I had a bit of trouble targeting the right elements, or dynamically updating their content. This week, though, I fixed the bugs one by one, and managed to try more and more things related to DOM.

**Achievements:**

I learned how to work with asynchronous operations, both with promises and async/await. With a mini-project, I felt prepared and confident with DOM manipulation. Try to prioritize tasks-actually work on or before deadlines. Overcame hurdles in selecting and dynamically updating DOM elements. What I Will Do Next Week Next week, I will be studying TypeScript, going deep into its syntax and type system, and learning how it helps at the development stage.