jQuery and Asynchronous JavaScript Week: Todo List

1.   Master - jQuery as well as Asynchronous JavaScript

By the end of this week, you should **MASTER** these topics:

- ➔ What jQuery is and how you can add jQuery into your HTML
- ➔ What we can do with jQuery
    - ◆ Selecting DOM elements with jQuery
    - ◆ Updating values with jQuery
    - ◆ Handling JavaScript events using jQuery
    - ◆ Creating custom effects and animations using jQuery
- ➔ What Asynchronous JavaScript is and how you can use callbacks, promises, and async/await to handle non-blocking operations like data fetching or delayed actions.
- ➔ What we can do with Asynchronous JavaScript
    - ◆ Use **callbacks** to handle async tasks like loading data or responding to events.
    - ◆ Use **promises** to manage sequences and avoid callback hell with `.then()` and `.catch()`.
    - ◆ Use **async/await** for cleaner, more readable asynchronous code with `try/catch` handling.

By the end of last week, you should have already watched the class videos on "**jQuery**" and "**Asynchronous JavaScript**". You should have also listed out all of your questions.

1.1.   Start by working on the practice questions (5 hrs)
- Instructions on how to complete the questions is found here:
    - ○ [Link to your homework](#)
- Try the homework on your own first and discuss it with your groupmates
- List out the parts you don't understand and ask your groupmates when you meet in groups

1.2.   Complete the jQuery and Asynchronous JavaScript checklist items (1 hr)
- [jQuery Checklist](#)
- [Asynchronous JavaScript Checklist](#)
- Mark the ones you understood as complete, and list out the parts you didn't understand for further discussion

1.3. **Before you meet your instructors in the group discussions**

- Meet with your groupmates before the group sessions with Evangadi instructors. (Please take the lead in inviting everyone for discussion)
- Try to discuss the questions you have with your groupmates

1.4. **Attend the 2 group meeting sessions with your instructors (4 hrs)**

- Discuss the remaining questions you have prepared
- Turn your camera on, share your screen and participate

2. **Prepare for Phase 3 next week - "Introduction to Terminal, Bash Script and Git" and "Introduction to Node.js"**

2.1. **Watch the "Introduction to Terminal, Bash Script and Git" lecture videos (4hrs).**

- DO NOT just watch the video. Make sure you are pausing the video and practicing on your computer
- Read the lecture note side by side
- Prepare your questions for the lecture session

2.2. **Watch the "Introduction to Node.js" lecture videos (2hrs).**

- DO NOT just watch the video. Make sure you are pausing the video and practicing on your computer
- Read the lecture note side by side
- Prepare your questions for the lecture session

2.3. **Attend the "Introduction to Terminal, Bash Script and Git" and "Introduction to Node.js" live lectures (4hrs)**

- DO NOT just watch the video. Make sure you are pausing the video and practicing on your computer
- Read the lecture note side by side