DOM Manipulation and JavaScript Events Week: Todo List

1.   Master - JavaScript DOM Manipulation as well as JavaScript Events

By the end of this week, you should **MASTER** these topics:
- ➔ Relationship between JavaScript and HTML
- ➔ How HTML and JavaScript work together
- ➔ The browser and how it renders a web page
- ➔ The DOM Object and the DOM tree
- ➔ DOM manipulation:
  - ◆ selecting/finding HTML elements and their contents using JavaScript methods
  - ◆ adding/altering HTML elements, their contents and attribute values using JavaScript methods
  - ◆ HTMLCollection vs NodeList
- ➔ JavaScript events and event types
- ➔ Event handling and the three steps involved during an event handling
  - ◆ Selecting an element where we want to respond when event occurs
  - ◆ Binding an event to event handler function
  - ◆ Attaching a script to instruct browser what to do when event happens
- ➔ Three ways of binding an event
  - ◆ HTML event attributes
  - ◆ Traditional DOM event handlers/assign events to HTML element
  - ◆ DOM level 2 event listeners
- ➔ Preventing/ halting default behaviors

By the end of last week, you should have already watched the class videos on "**JavaScript DOM Manipulation**" and "**JavaScript Events**". 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 DOM Manipulation and JavaScript Events checklist items (1 hr)**
- https://www.evangadi.com/checklist/dom-manipulation
- https://www.evangadi.com/checklist/js-events
- 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 week 6 - jQuery and Building Websites Using Shopify

2.1. **Watch the "jQuery" lecture videos (3hrs).**
- 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 "Building Websites Using Shopify" lecture videos (1.5hrs)**
- 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 "jQuery" and "Building Websites Using Shopify" 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