Demos for "HTML5 Web Component Fundamentals" by Cory House

Module 2 - Templates

- 1. Defining and Cloning Templates
- 2. Injecting Data into Templates
- 3. Cloning Nested Templates

Module 3 - Custom Elements

- 1. Instantiating Custom Elements
- 2. Instantiating Extended Custom Elements
- 3. <u>Lifecycle Callback Methods</u>

Module 4 – Shadow DOM Fundamentals

- 1. Shadow DOM in Native HTML Elements
- 2. Creating Shadow DOM
- 3. ShadowRoot DOM Methods
- 4. Shadow DOM JavaScript Is Not Encapsulated

Module 5 – Shadow DOM Insertion Points & Events

- 1. Shadow DOM Insertion Points with <content>
- 2. <u>Traversing Distributed Nodes</u>
- 3. Content Selectors
- 4. Shadow Insertion Points with <shadow>
- 5. <u>Listing Distributed Nodes and Destination Insertion Points</u>
- 6. Listing Destination Insertion Points
- 7. Event Retargeting
- 8. <u>Distributed Nodes Aren't Retargeted</u>
- 9. Some Shadow Events Stop

Module 6 – Shadow DOM Styling

- 1. :host
- 2. Theming the Shadow Host
- 3. :host Specificity
- 4. Styling :host States
- 5. Styling the Shadow DOM via :host-context
- 6. Styling Distributed Nodes via ::content
- 7. Style Shadow DOM from the Light DOM via ::shadow
- 8. Style Shadow DOM from the Light DOM via /deep/
- 9. Avoiding Flash of Unstyled Content with :unresolved

Module 7 – Imports

- 1. Simple Imports Example
- 2. Referencing the Owner Document
- 3. When is Content from Imports Applied?
- 4. Handling Events on Imports
- 5. <u>Sub-Imports</u>