DWA_12 Knowledge Check

To complete this Knowledge Check, ensure you have worked through all the lessons in **Module 12: Declarative Abstractions.**

To prepare for your session with your coach, please answer the following questions. Then download this document as a PDF and include it in the repository with your code.

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1. What are the benefits of direct DOM mutations over replacing HTML?

DOM mutation is when changes are made to the DOM structure of a web page by Adding, removing or modifying the elements, attributes or text nodes within the DOM tree.

The HTML gives us the basic structure or tree-like structure of what we want so using DOM manipulation we just add "branches". Instead of affecting the whole tree we just modify the specific branch that we want, leaving our basic structure untouched. This means that the original state of the page is untouched. Since we are dealing with specific branches the developer has more control over the specific elements that they are modifying or updating.

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2. What low-level noise do JavaScript frameworks abstract away?
Low-Level noise referred to here is those involved in web development.

-Handles UI updates so that we don't have to update them all the time

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3. What essence do JavaScript frameworks elevate?
-What is the template and how it should stand in relation to the store

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4. Very broadly speaking, how do most JS frameworks achieve abstraction?

-They use components, modules or classes as a way to encapsulate functionality thus providing a higher level of abstraction

-Manage states by providing

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5. What is the most important part of learning a JS framework?

-Creating your own framework to understand how frameworks work and understand.

Basically understanding the different frameworks how they work by understanding their core and what each is most applicable for.