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?

Performance boost

Yes, changing specific parts of a webpage is faster than changing the entire webpage. When developers directly tweak the webpage, it makes updates work better for dynamic websites, making them run smoother.

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2. What low-level noise do JavaScript frameworks abstract away?

Imperative updating of the DOM, keeping track of what elements need to change

JavaScript frameworks take care of the technical details like telling the browser how to update the webpage and keeping track of what parts need to change.

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3. What essence do JavaScript frameworks elevate?

JavaScript frameworks make it easier to build web apps by giving tools that handle tricky stuff, so developers can focus on making the app work well.

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4. Very broadly speaking, how do most JS frameworks achieve abstraction?
They hide away the imperative DOM mutations

Most JS frameworks make things simpler by hiding the need to directly change the webpage's elements.

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

The most important thing when learning a JS framework is understanding how it works and how to use it to make websites.