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?

Direct DOM mutations are more efficient and faster than replacing HTML because they only update the specific parts of a web page that change, reducing the need to recreate the entire page. This results in better performance and a smoother user experience.

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

JavaScript frameworks abstract away the low-level noise of browser-specific code and inconsistencies, allowing developers to write code that works consistently across different web browsers.

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3. What essence do JavaScript frameworks elevate?

JavaScript frameworks elevate the essence of web development by simplifying and standardizing common tasks, enabling developers to focus more on building interactive and feature-rich web applications instead of dealing with repetitive and browser-specific details.

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

Most JavaScript frameworks achieve abstraction by providing a higher-level, standardized set of tools and functions that simplify web development, abstracting away lower-level browser-specific complexities and allowing developers to work with a consistent and simplified API.

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

The most important part of learning a JS framework is understanding its core concepts and principles, which serve as the foundation for effectively using the framework to build web applications.