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 only modify specific elements in the HTML that need to be updated rather than having to rewrite the entire DOM tree and hence serve for better performance by also having full control over individual elements and their specific properties and allowing for a more seamless UX.

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

Frameworks abstract away the direct DOM manipulation, eventHandlers, etc.

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3. What essence do JavaScript frameworks elevate?

Abstraction and cross-browser compatibility

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

Component-based based architecture, declarative syntax and virtual DOM

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

Understanding its core concepts and principles to create a strong foundation for effectively using the framework and adapting to its nuances.