

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.

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

Improved performance
Seamless user experience
Efficiency and maintainability

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

JavaScript frameworks abstract away the complexities of directly interacting with the DOM.

Frameworks handle browser-specific quirks and inconsistencies, ensuring consistent behavior across different browsers and versions.

3. What essence do JavaScript frameworks elevate?

Enhancing productivity and maintainability.

Improving performance and consistency.

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

Most JavaScript frameworks achieve abstraction through techniques like component-based architecture, declarative programming, virtual DOM, event-driven architecture, and higher-level APIs, enabling developers to work with simplified and higher-level abstractions for building web applications.

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

The most important part of learning a JavaScript framework is gaining a strong understanding of its core concepts and principles.