

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?

When dealing with large data sets or dynamic data, direct DOM updates can be more efficient than replacing HTML by selectively updating elements

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

JavaScript frameworks abstract away low-level noise including DOM manipulation, event handling, state management, AJAX/HTTP requests, and cross-browser compatibility. They provide simplified APIs and tools, allowing developers to focus on application logic and higher-level concepts while reducing boilerplate code and handling complexities behind the scenes

3. What essence do JavaScript frameworks elevate?

They provide patterns and guidelines that facilitate code organization, making it easier to understand, update, and collaborate on projects over time.

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

Frameworks utilize encapsulation to hide implementation details and expose higher-level APIs.

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

Understanding its core concepts and principles.