

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?

- Direct DOM mutations helps to manipulate individual elements, attributes, and properties quickly. It becomes easier to make small changes without affecting the rest of the page.

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

- Event Handling: Handling events in regular JavaScript can be a lot of work which leads to repetitive code to attach event listeners and manage events. Frameworks simplify event handling by providing a declarative approach, such as component-based event binding and handling.

3. What essence do JavaScript frameworks elevate?

- JavaScript frameworks make building web applications easier and more powerful. They provide better structure, tools, and shortcuts,

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

- JavaScript frameworks achieve abstraction by encapsulating low-level details, allowing developers to work with higher-level and simplifying complex tasks like DOM manipulation, data binding, and event handling.

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

- Understanding concepts on components , state management and Documentation