

# 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 can be more efficient in terms of performance. When you modify specific elements in the DOM, the browser only needs to update those affected elements rather than re-parsing and re-rendering the entire HTML.

---

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

- State management is a complex task, frameworks handle most of the handling state updates, data flow, and synchronization between different components.
- Frameworks handle event delegation and provide simplified APIs for event management

---

3. What essence do JavaScript frameworks elevate?

- JavaScript frameworks often use declarative syntax, enabling developers to describe the desired outcome or state of the application rather than specifying the step-by-step instructions to achieve that outcome.
-

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

- Frameworks often use encapsulation techniques to isolate and hide the complexity of lower-level operations.

---

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

The most important part of learning a JavaScript framework is to understand its core concepts and principles like API, syntax, the concepts of the framework, etc.