

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?

Overall better performance mutating things compared to re-rendering the entire DOM. You avoid complications like memory leaks from old eventlisteners that weren't removed.

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

Smaller details like DOM manipulation to change elements, or binding eventlisteners, state management and dataflow.

3. What essence do JavaScript frameworks elevate?

By abstracting away lower level noise, it allows one to focus on the structure and functionality of the project.

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

By taking care of DOM manipulation behind the scenes.

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

Understanding how it works behind the scenes, what it's abstracting, and why it's beneficial compared to doing it without a framework.