

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?

- Efficiency: Reduces the amount of work the browser needs to do as they work with specific elements, which positively affects the performance of the application and therefor the users experience.

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

- Inconsistencies in the browser
- Event Handling

3. What essence do JavaScript frameworks elevate?

- Abstraction
- Browser Compatibility

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

They equip applications with libraries which contain tools that assist developers in writing code which is more concise. These tools break down the code into components which contain their own styling, logic and the code is reusable. Frameworks also make use of declarative syntax which allows the developer to focus on what they want to achieve rather than the step-by step procedures they need to follow.

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

Understanding the core concepts and principles of the framework to effectively make use of the libraries and tools they offer.