

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?

Performance boost
Memory efficiency
Interactive updates
For smooth animations and transitions

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

Imperative updating of the DOM, keeping track of what elements need to change
Event handling
State management
Optimizing UI updates
Cross Browser compatibility

3. What essence do JavaScript frameworks elevate?

Reusability and modularity
Data binding
State management

Abstraction of complexity

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

They hide away the imperative DOM mutations

By using declarative syntax

State management

Virtual DOM

Event handling abstraction

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

Gaining a strong and solid understanding of its core concepts and principles