

# 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.

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1. What are the benefits of direct DOM mutations over replacing HTML?

DOM mutations is lighter on memory and CPU this leads to an increase in performance.

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

Imperative updating of the DOM, keeping track of what elements need to change

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3. What essence do JavaScript frameworks elevate?

Frameworks elevate productivity by providing components and tools that help build much quicker and efficiently.

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

An event listener that opens and closes an overlay without frameworks I have to code that specific behavior but with frameworks I can define the event and link it to the user interface element

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

Understanding what is happening behind the curtain(what's being abstracted) because this can influence the end result.