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?

   - The whole HTML doesn't need to re-render each time a change is made.
   - It doesn't interfere with focus.
   - This results in a performance boost and better code because you won't have so much imperative code, like resetting the body or appending things.

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

   - Lots of imperative code, like loops and the passing around of variables.

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3. What essence do JavaScript frameworks elevate?

   - JavaScript frameworks elevate declarative programming, making the code easier for humans to read and understand instead of focusing on machine-level instructions.

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4. Very broadly speaking, how do most JS frameworks achieve abstraction?
They hide away the imperative DOM mutations.

   - By hiding away the imperative code under the hood.

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5. What is the most important part of learning a JS framework?
   - Understanding and being aware that you are working with abstractions and declarative code because if something breaks, you can fix it by combing through the underlying imperative code to get a better grasp of it.