

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?

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

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

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

3. What essence does JavaScript frameworks elevate?

If I understand the question correctly, I would say it elevates declarative programming and the essence of the code being for the human to read and understand instead of the machine.

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

By hiding away the imperative code under the hood

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

I would say understanding and being aware of the fact that you are working with abstractions and declarative code because if something breaks you can fix it by combing through all of the imperative stuff to get a better grasp of it.