

1. What is the difference between instance methods and static methods?  
Instance Methods can operate on individual instances of a class and also called on objects created from the class.  
Static methods can operate at the class level, not on individual instances and called directly on the class itself.
2. How does Javascript handle concurrency?  
JavaScript handles concurrency using an event loop, which allows it to perform non-blocking operations even though it is single-threaded.
3. What is async/await? How does it differ from using the promise instance methods?  
Promises are objects representing the eventual completion (or failure) of an asynchronous operation.  
You handle promises using `.then()` for success and `.catch()` for errors, which can result in more nested and less readable code compared to `async/await`.
4. Can you use `await` outside of an `async` function?  
No, you cannot use `await` outside of an `async` function. The `await` is designed to work only within `async` functions.
5. What is callback hell and why is it considered a problem?  
Callback hell: Refers to the situation where you have multiple nested callback functions, making the code difficult to read and maintain.  
Why problem: The code can be difficult to maintain and read.