Javascript:
Coding Questions

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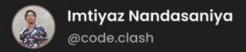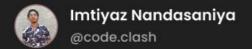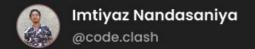
Hey Everyone 👋

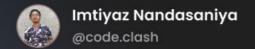Javascript is everywhere. Millions of webpages are built on JS.

This Post a list of Javascript coding questions to assist you in acing your interview and landing your desired job as a Javascript Developer.

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Basic Questions

- Reverse a string.

- Check if a string is a palindrome.

- Find the longest word in a string.

- Find the factorial of a number.

- Check if a number is prime.

- Remove duplicate characters from a string.

- Find the largest element in an array.

- Flatten a nested array.

- Capitalize the first letter of each word in a string.

- Create a function to generate a random number between a given range.

- Find the maximum number in an array without using Math.max().

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Advance Questions

- Implement code to remove duplicates from an array while preserving the original order.

- Write a function to merge two sorted arrays into a single sorted array.

- Write a function to calculate the median of an array of numbers.

- Implement a function to perform a deep comparison between two objects.

- Write code to find the intersection of multiple arrays.

- Write a function to format a date object into a custom date format string.

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- Create a function to validate email addresses using regular expressions.

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- Write code to replicate the Array.filter() method.

- Write a function to debounce user input events using closure.

- Implement a function to replicate the Array.prototype.map() method.

- Write a function to clone a regular expression object in JavaScript.

- Implement a function to clone a Promise object, preserving its state and value.

- Implement a code to validate and sanitize user input for form fields on a web page.

- Write code to implement memoization for a recursive function to optimize performance.

- Write a function to detect and remove duplicate values from an array without using additional data structures.

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- Write code to replicate the Array..reduce() method.

- Implement a function to sort an array of objects based on a specified property value.

- Create a function to check if a given string is a valid JSON.

- Implement a function to perform a deep merge of two objects.

- Implement a function to flatten an array of arbitrarily nested arrays using iteration.

- Implement a custom Promise library with support for chaining and error handling.

- write code to perform functional composition, allowing chaining of pure functions.

- Implement dynamic code splitting and lazy loading of JavaScript modules

- Implement a function to create a custom event emitter with support for asynchronous event listeners.

- Implement your own version of Promise.all().

- Write a throttle function which limits the rate at which a function can be called.

- Build a real-time data visualization app using libraries like D3.js or Chart.js

- Implement a real-time chat application using WebSockets.

- Write code to perform FRP transformations on streams of data.

- Write code that demonstrates optimizing performace by minimizing DOM manipulation.

- Write a function to parse Markdown-formatted text into HTML.

- Optimize given code and its performance (time or space complexity) without changing its functionality.

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