**JavaScript**

1. What is a Regular Expression?
2. What are the different ways to handle errors in JavaScript? Explain the purpose and usage of try-catch blocks.
3. Can you explain the concept of closures in JavaScript?
4. What are the differences between var, let, and const in JavaScript?
5. Can you explain the concept of RESTful APIs and how they are used in web development?
6. What are the advantages and disadvantages of using client-side rendering vs. server-side rendering?
7. Can you explain the concept of promises in JavaScript and how they are used for asynchronous operations?
8. Can you explain the concept of debouncing and throttling in JavaScript?
9. How does the event loop work in JavaScript?
10. Can you explain the concept of hoisting in JavaScript?
11. What is the purpose of a closure in JavaScript?
12. What are the different ways to create objects in JavaScript?
13. How does JavaScript handle inheritance and prototypal inheritance?
14. What are the differences between null and undefined in JavaScript?
15. How does event delegation work in JavaScript?
16. How does the this keyword work in JavaScript?
17. What are the different ways to loop over an array in JavaScript?
18. Can you explain the concept of event bubbling and event capturing in JavaScript?
19. How does JavaScript handle asynchronous programming using callbacks?
20. What are the differences between let, const, and var in JavaScript?
21. How does JavaScript handle event handling and propagation?
22. What are the differences between synchronous and asynchronous JavaScript?
23. Can you explain the concept of function currying in JavaScript?
24. What is the difference between local storage and session storage in JavaScript?
25. What are the differences between == and === operators in JavaScript?
26. Can you explain the concept of event-driven programming in JavaScript?
27. Can you explain the concept of higher-order functions in JavaScript and provide an example
28. Can you explain the concept of promises chaining in JavaScript and provide an example?
29. Explain the concept of memoization and how it can improve performance in JavaScript.
30. What is event delegation in JavaScript? How does it work?
31. How can you prevent a click event from bubbling up to parent elements in JavaScript?