

Interview Question

1. What is JavaScript and what are its key features?
2. What are the different data types in JavaScript?
3. Explain the difference between 'undefined' and 'null' in JavaScript.
4. How do you check if a variable is an array in JavaScript?
5. What is the purpose of the 'this' keyword in JavaScript?
6. Explain the concept of hoisting in JavaScript.
7. What is the difference between 'let', 'const', and 'var' in JavaScript?
8. How does JavaScript handle asynchronous programming?
9. What is a closure in JavaScript? Provide an example.
10. Explain the concept of prototypal inheritance in JavaScript.
11. How do you handle errors in JavaScript? Provide examples of error handling techniques.
12. What are the different ways to create objects in JavaScript?
13. How does event delegation work in JavaScript?
14. Explain the concept of event bubbling and event capturing in JavaScript.
15. What is the purpose of the 'use strict' directive in JavaScript?
16. How do you handle asynchronous code using callbacks?
17. Explain the concept of promises in JavaScript and how they are used.
18. How does 'async/await' work in JavaScript? Provide an example.
19. What are the differences between 'null' and 'undefined'?
20. How can you compare two objects in JavaScript?
21. What is the purpose of the 'bind' method in JavaScript?
22. Explain the concept of currying in JavaScript.
23. What is the difference between 'call' and 'apply' in JavaScript?
24. How do you clone an object in JavaScript?
25. What is the event loop in JavaScript and how does it work?
26. How can you detect if a variable is an object in JavaScript?
27. Explain the concept of memoization in JavaScript.
28. How do you handle exceptions in JavaScript?
29. What are arrow functions in JavaScript and when should you use them?

30. How does scoping work in JavaScript?
31. Explain the difference between '==', '===', and 'Object.is' in JavaScript.
32. How do you convert a string to a number in JavaScript?
33. What is the purpose of the 'map' method in JavaScript arrays?
34. How can you remove duplicates from an array in JavaScript?
35. Explain the concept of event-driven programming in JavaScript.
36. How do you handle cross-origin requests in JavaScript?
37. What is the difference between 'querySelector' and 'getElementById' in JavaScript?
38. How do you prevent the default behavior of an event in JavaScript?
39. Explain the concept of memoization in JavaScript.
40. How can you reverse a string in JavaScript?
41. What is the purpose of the 'reduce' method in JavaScript arrays?
42. How do you convert an object to a JSON string in JavaScript?
43. Explain the concept of event propagation in JavaScript.
44. What are generators in JavaScript and how do they work?
45. How can you convert a NodeList to an array in JavaScript?
46. Explain the concept of event delegation in JavaScript.
47. How do you check if a variable is a function in JavaScript?
48. What is the difference between 'let' and 'const' in JavaScript?
49. How can you detect if a browser supports a specific JavaScript feature?
50. Explain the concept of higher-order functions in JavaScript.
51. What are the different types of errors in JavaScript?
52. What is the difference between a function and a method?
53. What is the difference between a global variable and a local variable?
54. What is the difference between an object and an array?
55. What is the difference between a string and a number?
56. What is the difference between a boolean and an undefined value?
57. What is the difference between a primitive value and an object?
58. What is the difference between a constructor function and an object literal?
59. What is the difference between a prototype and an instance?
60. What is the difference between a property and an attribute?
61. What is the difference between a getter and a setter?
62. What is the difference between a closure and an anonymous function?

63. What is the difference between an event and an event handler?
64. What is the difference between a DOM element and a jQuery object?
65. What is the difference between a regular expression and a string literal?
66. What is the difference between a callback function and a promise?
67. What are the different ways to create a function in JavaScript?
68. What are the different ways to call a function in JavaScript?
69. What are the different ways to pass arguments to a function in JavaScript?
70. What are the different ways to return a value from a function in JavaScript?
71. What are the different ways to create a variable in JavaScript?
72. What are the different ways to assign a value to a variable in JavaScript?
73. What are the different ways to read the value of a variable in JavaScript?
74. What are the different ways to delete a variable in JavaScript?
75. What are the different ways to create an object in JavaScript?
76. What are the different ways to add a property to an object in JavaScript?
77. What are the different ways to get the value of a property in an object in JavaScript?
78. What are the different ways to set the value of a property in an object in JavaScript?
79. What are the different ways to delete a property from an object in JavaScript?
80. What are the different ways to iterate over an object in JavaScript?
81. What are the different ways to create an array in JavaScript?
82. What are the different ways to add an element to an array in JavaScript?
83. What are the different ways to get the value of an element in an array in JavaScript?
84. What are the different ways to set the value of an element in an array in JavaScript?
85. What are the different ways to delete an element from an array in JavaScript?
86. What are the different ways to iterate over an array in JavaScript?
87. What are the different ways to create a string in JavaScript?
88. What are the different ways to convert a string to a number in JavaScript?
89. What are the different ways to convert a string to an object in JavaScript?
90. What are the different ways to convert a string to an array in JavaScript?
91. What are the different ways to compare strings in JavaScript?
92. What are the different ways to manipulate strings in JavaScript?
93. What are the different ways to validate strings in JavaScript?
94. What are the different ways to regular expressions in JavaScript?
95. What are the different ways to manipulate DOM elements in JavaScript?

96. What are the different ways to create and use promises in JavaScript?

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