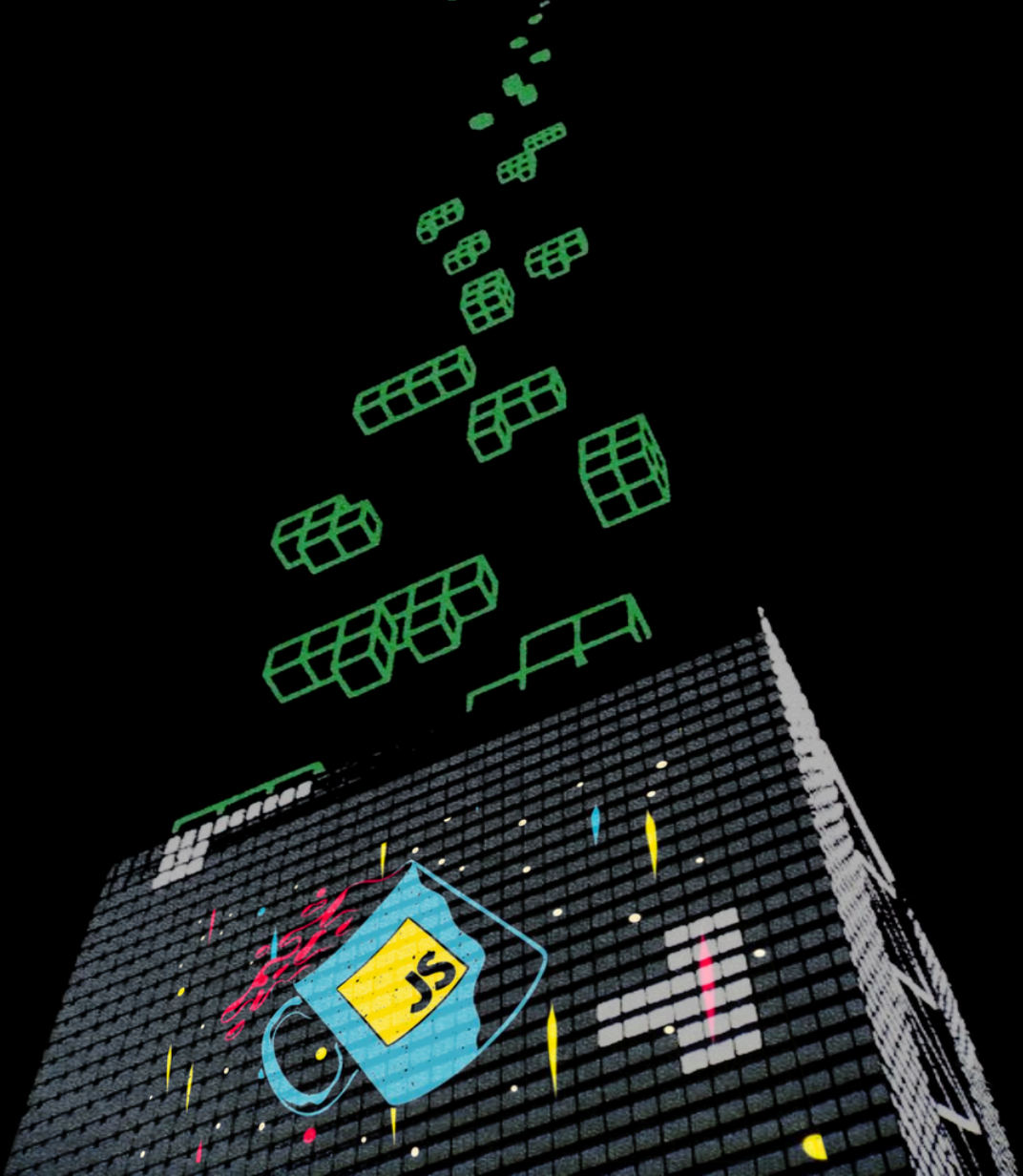




Sheryians
Coding School

JavaScript Questions



JavaScript Questions

Basic console usage

1. Create two variables for your full name and favorite hobby. Print: "My name is <name> and my hobby is <hobby>".
2. Perform the calculation $45 * 2 - 10$ and print the result.
3. Print the current year using JavaScript's Date object.
4. Store first name and last name separately and print the full name.
5. Declare a variable, print it, update it, and print again.
6. Print a custom error message using `console.error()`.
7. Store a number and print its square.
8. Create a boolean variable and print its value.
9. Store your age and print whether it is greater than 18.
10. Divide 100 by 0 and print the result.

JavaScript Questions

Variables and Data types

11. Create a variable using let and print its value.
12. Declare a constant PI = 3.14 and print it.
13. Declare a variable, reassign it, and print both values.
14. Print the result of typeof null.
15. Store a number as a string and print its type.
16. Create a boolean variable and print its type.
17. Create a string, number, and boolean and print them together.
18. Declare a variable without assigning a value and print its type.
19. Assign undefined to a variable and print its type.
20. Create an array using const, modify its elements, and print it.

JavaScript Questions

Loops

21. Print numbers from 1 to 50 using a for loop.
22. Calculate the sum of numbers from 1 to 10 using a while loop.
23. Print each character of "JavaScript" using for...of.
24. Print odd numbers from 1 to 20 using continue.
25. Print numbers from 5 to 1 using do...while.
26. Calculate the factorial of 5 using a loop.
27. Print a 3×3 grid using nested loops.
28. Reverse an array manually using a loop.
29. Print numbers between 1–100 divisible by 5.
30. Print the multiplication table of 7 using a loop.

JavaScript Questions

Arrays

31. Create an array of movies and print using join(" - ").
32. Print the element at index 1 of an array.
33. Add two elements at the beginning using unshift().
34. Remove the last element using pop().
35. Extract the first three elements using slice().
36. Find the index of number 5 using indexOf().
37. Check if 3 exists using includes().
38. Merge two arrays using concat().
39. Sort an array of numbers in ascending order.
40. Copy an array using spread operator and compare references.

JavaScript Questions

Functions

41. Write a function that returns "even" or "odd".
42. Write a function to calculate the area of a circle.
43. Write a function that returns the sum of an array.
44. Write a function to check if a string starts with a character.
45. Write a function that returns the larger of two numbers.
46. Write a recursive function to calculate factorial.
47. Write a function to reverse a string.
48. Write a function that returns the largest number in an array.
49. Write a function that converts a string to kebab-case.
50. Write a helloWorld function that prints "Hello World".

JavaScript Questions

Conditionals

51. Return "positive", "negative", or "zero" for a number.
52. Convert Celsius to Fahrenheit using a function.
53. Return the average of numbers in an array.
54. Check if a string is a palindrome.
55. Check whether a number is prime.
56. Count total words in a sentence.
57. Return the longest word from a string.
58. Remove falsy values from an array.
59. Convert a string to camelCase.
60. Generate a random number between two values.

JavaScript Questions

Objects

61. Create a person object and print it.
62. Add a new property to an object.
63. Access object property using bracket notation.
64. Delete a property from an object.
65. Print all object keys using `Object.keys()`.
66. Create an array of book objects.
67. Print the author of the second book.
68. Check if a key exists in an object.
69. Return the total number of keys in an object.
70. Merge objects using `Object.assign()`.

JavaScript Questions

Strings

- 71. Print the length of a string.
- 72. Print last 4 characters using slice().
- 73. Convert a string to lowercase.
- 74. Split a string into an array of words.
- 75. Find index of a character using indexOf().
- 76. Replace a word in a string.
- 77. Repeat a string three times.
- 78. Check if a word exists in a string.
- 79. Remove all spaces from a string.
- 80. Count the number of vowels in a string.

JavaScript Questions

Mixed

81. Return only even numbers from an array.
82. Count occurrences of a value in an array.
83. Reverse each word in a sentence.
84. Print a right-angled triangle pattern.
85. Return a new array with squared values.
86. Sum all odd numbers between 1–50.
87. Print full name from an object.
88. Convert numeric string to number and add 5.
89. Rotate an array right by one position.
90. Check whether an array is empty.
91. Format date as DD/MM/YYYY.
92. Find smallest number using Math.min() and spread.
93. Return first n Fibonacci numbers.
94. Divide two numbers with error handling.
95. Return index of first repeating character.
96. Remove duplicate values from an array.
97. Merge two sorted arrays.
98. Return total characters in a string.
99. Toggle button color on click using DOM.
100. Check if all numbers are greater than a value using .every().