Javascript course outline

1. Introduction to JavaScript (What is JS & Why Use It?)
2. How to Add JavaScript to HTML (Inline, Internal, External)
3. JavaScript Variables: var, let, const
4. Data Types in JavaScript (Primitive & Reference)
5. Operators in JavaScript (Arithmetic, Assignment, Logical, Comparison)
6. Strings in JavaScript (String Methods)
7. Numbers in JavaScript (Math Object & Methods)
8. Booleans and Truthy/Falsy Values
9. Type Conversion & Coercion in JavaScript
10. Conditional Statements (if, else if, else, switch)
11. Loops in JavaScript (for, while, do while)
12. Break and Continue Statements
13. Functions in JavaScript (Declaration & Expression)
14. Arrow Functions in JavaScript
15. Function Parameters, Arguments & Return
16. Scope in JavaScript (Block, Function, Global)
17. Hoisting in JavaScript (var vs let/const)
18. Arrays in JavaScript : Array Methods (push, pop, shift, etc.)
19. Looping Through Arrays (for, forEach, map)

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20. Objects in JavaScript (Object Literals & Accessing Values)
21. Object Methods & ‘this’ Keyword
22. Nested Objects and Looping through Objects
23. Destructuring Arrays and Objects
24. Spread & Rest Operators in JavaScript
25. Template Literals & String Interpolation
26. Dates in JavaScript |:Date Methods
27. SetTimeout & SetInterval in JavaScript
28. Callbacks in JavaScript
29. Promises in JavaScript
30. Async / Await in JavaScript
31. Try Catch Error Handling in JavaScript
32. DOM Introduction (What is DOM?)
33. Selecting DOM Elements (getElementById, querySelector)
34. DOM Events (click, input, submit etc.)
35. Manipulating DOM (classList, innerHTML, styles)
36. Introduction to BOM (Browser Object Model)
37. Window, Navigator, Screen & Location Objects
38. Dialog Boxes: alert, prompt, confirm
39. History API & Manipulating Browser History
40. JavaScript Timers (setTimeout vs setInterval)
41. JavaScript Array map() Method

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42. JavaScript Array filter() Method

43. JavaScript Array reduce() Method

44. Fetch API in JavaScript (GET & POST Requests)

45. JSON & JavaScript | JSON.parse & JSON.stringify

46. LocalStorage & SessionStorage in JavaScript

47. Event Loop, Microtask Queue & Callback Queue

48. Modules in JavaScript (import/export)

49. ES6+ Features Overview (let, const, arrow fn, destructuring, spread etc.)

50. JavaScript Interview Questions for Beginners to Advanced

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