JavaScript

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JAVASCRIPT BASICS

1. Introduction
2. Variables
3. Data types
   - 3.1. String
   - 3.2. Number
   - 3.3. Boolean
   - 3.4. Undefined
   - 3.5. null
4. Operators
   - 4.1. Arithmetic Operators
   - 4.2. Comparison (Relational) Operators
   - 4.3. Bitwise Operators
   - 4.4. Logical Operators
   - 4.5. Assignment Operators
   - 4.6. Special Operators
5. Conditional statements
   - 5.1. If
   - 5.2. If else
   - 5.3. Nested if
   - 5.4. Switch statement
6. Loops
   - 6.1. For
   - 6.2. While
   - 6.3. Do while
7. Functions
8. Arrays
   - 8.1. Array methods
     - 8.1.1. push()
     - 8.1.2. pop()

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8.1.3. shift()
8.1.4. unshift()
8.1.5. delete
8.1.6. concat()
8.1.7. slice()
8.1.8. splice()
8.1.9. min()
8.1.10. max()
8.1.11. sort()
8.1.12. reverse()
8.1.13. includes()
8.1.14. toString()

8.2. Array Iteration

8.2.1. forEach()
8.2.2. map()
8.2.3. filter()
8.2.4. find()
8.2.5. findIndex()
8.2.6. reduce()
8.2.7. reduceRight()
8.2.8. some()
8.2.9. every()
8.2.10. lastIndexOf()

9. Strings

9.1. String methods

9.1.1. length()
9.1.2. lastIndexOf()
9.1.3. indexOf()
9.1.4. search()
9.1.5. slice()
9.1.6. substring()
9.1.7. substr()
9.1.8. replace()
9.1.9. toUpper()

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9.1.10. toLower()
9.1.11. concat()
9.1.12. trim()
9.1.13. split()
9.1.14. charAt()
9.1.15. padStart()
9.1.16. padEnd()

10. Interfacing with HTML

10.1. DOM

10.1.1. Tags
10.1.2. Elements
10.1.3. Attributes

10.2. getElementById
10.3. getElementByClassName
10.4. getElementByTagName
10.5. querySelector
10.6. querySelectorAll
10.7. difference b/w <---> '#' and '.'
10.8. prompt
10.9. confirm
10.10. alert
10.11. debugger
10.12. innerHTML
10.13. innerText
10.14. noscript
10.15. inline and external scripts
10.16. metadata
10.17. window.location

10.18. JSON

10.18.1. Parse
10.18.2. Stingify

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10.19. localStorage

10.19.1. getItem

10.19.2. setItem

10.20. Events

10.20.1. Onload

10.20.2. Onclick

10.20.3. Onchange

10.20.4. Onkeydown

10.20.5. .

10.20.6. .

10.20.7. .

10.20.8. .

11. Date
12. Time
13. Timing functions
14. Math module

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ADVANCE JAVASCRIPT

1. How Javascript works
2. Execution context
3. Arrow functions
4. Hoisting
5. Scope chain lexical scoping
6. Strict keyword
7. This keyword
8. Call
9. Apply
10. Bind
11. Closures
12. RegEx
13. Events
14. Event propagation
15. Event loop

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MODERN JAVASCRIPT

1. Var let const
2. Template literals
3. Destructuring
4. Rest operator
5. Spread operator
6. Synchronous vs Asynchronous
7. Callback hell
8. Promise
9. Async await
10. Error handling
11. Fetch API

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JAVASCRIPT BONUS

1. CRUD using splice
2. Find vs filter
3. Null vs undefined
4. beN
5. For vs for in vs for of
6. Use strict
7. Currying
8. ASI
9. Disable copy paste in HTML
10. Disable right click in HTML
11. Swapping without third variable
12. Timing events
13. Reduce
14. Flattening array
15. Higher order functions vs Callback function

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