

## ◇ Basics & Fundamentals

- Variables (var, let, const)
- Data Types (Primitive & Reference)
- Operators (Arithmetic, Comparison, Logical, Ternary)
- Type Conversion & Coercion
- Strings & Template Literals
- Conditional Statements (if-else, switch)
- Loops (for, while, do-while, for...in, for...of)

## ◇ Functions & Scope

- Function Declarations & Expressions
- Arrow Functions
- Parameters & Arguments (Default, Rest, Spread)
- Scope (Global, Function, Block)
- Hoisting
- Closures
- Higher-Order Functions
- Callback Functions

## ◇ Objects & Arrays

- Objects (Creation, Properties, Methods)
- this keyword
- Object Destructuring
- Object Methods (Object.keys, Object.values, Object.entries, Object.assign)
- Arrays (Creation, Iteration, Methods like map, filter, reduce, forEach, find, some, every, includes)

- Array Destructuring
- Spread & Rest Operators

## ◇ DOM & Events

- DOM Manipulation (getElementById, querySelector, etc.)
- Event Listeners (addEventListener)
- Event Bubbling & Capturing
- Event Delegation
- Form Handling

## ◇ Advanced Concepts

- Prototypes & Inheritance
- this Binding
- call, apply, bind
- Execution Context
- Lexical Environment
- Event Loop (Call Stack, Callback Queue, Microtasks)
- setTimeout, setInterval, clearTimeout, clearInterval

## ◇ Asynchronous JavaScript

- Callbacks
- Promises (.then, .catch, .finally)
- async / await
- Fetch API / AJAX
- Error Handling (try...catch, throw)

## ◇ ES6+ Features

- let / const
- Template Literals
- Destructuring
- Spread & Rest
- Default Parameters
- Classes & Inheritance
- Modules (import / export)
- Optional Chaining (?.)
- Nullish Coalescing (??)

## ◇ Important Built-in Objects

- Math & Date
- JSON.parse & JSON.stringify
- Regular Expressions (RegExp)
- localStorage & sessionStorage
- Map, Set, WeakMap, WeakSet

## ◇ Modern & Advanced Topics

- Debouncing & Throttling
- Currying
- Polyfills
- Memoization
- Deep vs Shallow Copy
- Service Workers
- Web APIs (Geolocation, Clipboard, Notifications)
- Event Loop & Concurrency Model

✓ If you're learning for **interviews**, focus on:

- Closures
- Promises & async/await
- Event loop
- Prototypes & inheritance
- Array & object methods

Do you want me to prepare this as a **roadmap with study order**, or a **topic-wise short notes list** for quick revision?