

## JavaScript Beginner Topics

- What is JavaScript, and How JavaScript works
  - Comments
  - Variables (`var`, `let`, `const`)
  - Data Types and Type Conversion
  - Operators (Comparison, Logical, Assignment, Equal to)
  - Conditional Statements (`if`, `else`, `switch`)
  - Loops (`for`, `while`, `do-while`)
  - Functions
  - Function Parameters & Arguments
  - Return Statement
  - Scope (Global, Local)
  - Arrays
  - Array Methods
  - Objects
  - Object Properties & Methods
  - String Methods
  - Math Object and Date Object
  - Strict Mode ("`use strict`")
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## DOM (Document Object Model) Topics

- What is DOM
  - DOM Tree Structure
  - Selecting Elements and Manipulating Styles
  - DOM Traversing
  - Manipulating Content and Attributes
  - Creating Elements
  - Events
  - Event Bubbling, Capturing and Delegation
  - Form Handling
  - Input Events
  - DOMContentLoaded
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Advance Javascript Topics	
Execution Context	Call Stack
Lexical Scope	Closures
Hoisting	<code>this</code> Keyword
Arrow Functions	Default Parameters
Rest & Spread Operators	Destructuring (Array & Object)
Higher Order Functions	Callbacks
Promises	Async / Await
Event Loop	Microtasks & Macrotasks
Timers ( <code>setTimeout</code> , <code>setInterval</code> )	Error Handling ( <code>try</code> , <code>catch</code> , <code>finally</code> )
Storage (Local, Session, Cookies)	Modules ( <code>import</code> , <code>export</code> )
JSON	Shallow vs Deep Copy
Fetch API and CORS (basic)	Web APIs
<code>call()</code> , <code>apply()</code> , <code>bind()</code>	Currying
Debouncing	Throttling
Prototypes	Prototype Chain