

Twitter Thread by Mohammed Junaid ■

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Javascript Roadmap for Beginners in 2021.

Thread ■

⇒ Running Javascript

- Script tag
- Link external file
- Browser console
- with node

⇒ Variables

▣ Declarations

- var
- let
- const
- Scope
- Global
- function
- Block
- Hoisting

⇒ Data types & Data Structures

▣ Primitive Datatypes

- undefined
- boolean
- Number
- BigInt
- String
- Symbol

→ Null

- Object
- Function

🔍 Data Structures

- Array
- Map/ Weak map
- Set/ Weak Set
- Date

⇒ Type Conversion

- Explicit Function
- Implicit Function

⇒ Equality

- == & ===

⇒ Loops

- while
- do..while..
- for
- break/continue
- for...in
- for...of

⇒ Control flow

- if...else
- switch
- try/catch/throw

⇒ Expressions & Operators

- Assignment Operators
- Arithmetic Operators
- Logical Operators
- Conditional Operators
- Comparison Operators
- Relational Operators
- Bitwise Operators
- String Operators
- Comma Operator
- Unary Operators

⇒ Functions

- Function Declarations
- Function Expressions
- Calling Functions

- Parameters & Arguments
- Scope
- Arrow Functions

Advanced Javascript

⇒ Advanced

🔗 Advanced Scope

- Nested Functions
- Lexical Scoping
- IIFE
- Revealing Module Pattern

🔗 Closure

🔗 Currying

⇒ this

- Implicit Binding
- Explicit Binding
- new Binding
- Lexical Binding
- Default Binding

⇒ Prototype

⇒ Prototypal Inheritance

⇒ Class

⇒ Iterators

⇒ Generators

⇒ Event Loop

⇒ Asynchronous Javascript

- setTimeout
- setInterval
- callbacks
- Promises
- async await

⇒ Module System

→ CJS

→ ESM

→ Import/Export

→ Default & Named Exports

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