

JavaScript Beginning to Mastery Syllabus

How JavaScript Works

- Global Execution context
- This and window in global execution context
- Hoisting
- Are let and const are hoisted ? What is a reference Error ?
- Function execution context
- Scope chain and lexical environment
- Intro to closures
- Closure example 1
- Closure Example 2
- Closure Example 3

DOM Tutorial

- HTML and CSS Crash course (Around 30-40 minutes)
- Async vs defer
- Select elements using id
- querySelector
- textContent & innerText
- Change the styles of elements using js
- Get and set attributes
- Select multiple elements and loop through them
- innerHTML
- Deeply understand dom tree, root node , element nodes, text nodes
- classList
- Add new elements to page
- Create elements
- Insert adjacent elements
- Clone nodes
- More methods to add elements on page
- How to get the dimensions of the element
- Intro to events
- This keyword inside eventListener callback
- Add events on multiple elements

- Event object
- How event listener works
- Practice with events
- Create demo project
- More events
- Event bubbling
- Event Capturing
- Event delegation
- Create Project using event delegation