

Java Script - 2 days

Day-1 (JavaScript Core)

• Introduction

- What is JS?
- Java script in action?
- JavaScript vs Java

• JavaScript Basics

- Intro variable & constants
- Declaring & Defining Variables
- Working with Variables & Operators
- Data Types
- Using Constants
- More on string

• Functions & scope

- Introducing Function
- Adding a custom function
- Returning Values
- Global & Local Scope
- Arrow functions

• Arrays & Objects

- Using Arrays
- Creating objects
- Accessing object data
- Arrays & Objects
- undefined, null & NaN

Day-2 (Modern JS)

- Control Structures

- Intro if statements
- Working with if, else, else if
- Introducing the ternary operator

- ES6 / Next-Gen JavaScript

- var vs let & const
- Hoisting
- Primitive vs Reference Values

- Functions

- Intro Arrow functions
- Different Arrow function syntaxes
- Default Arguments
- Rest Parameters
- Callback Functions

- Arrays & Iterables

- map()
- filter()
- reduce()
- Chaining Methods
- Spread Operator(...)
- Array Destructuring

- Objects

- Object Spread Operator
- Object Destructuring
- Introducing "this"

- JavaScript Modules

- import / export
- Default & Named Exports
- Module scope