

Java Script

✧ Introduction to JavaScript

- Syntax
- Hello world Example
- External javascript file
- Comments

✧ Popup Boxes

- Alert
- Confirm
- Prompt
- Reading input values from user

✧ JavaScript Basics

- Variables
- understanding null & undefined
- Operators
- typeof operator
- Type Coercion
- '==' operator Vs '===' operator
- Conditional Statements
- loop statements
- break and continue statement

✧ Functions in JS

- Function syntax
- Function with arguments
- Return Values
- Anonymous function
- function as arguments
- function inside object
- understanding this keyword

✧ Built-in Objects

✓ Object

- The dot and bracket notation
- nested objects
- delete operator in object

✓ String

- Defining string
- Functions in string
- Program to extract user name from mail

✓ Date

- Predefined date & time functions
- Displaying current date
- Digital clock in JS

● Arrays

- Number
- Math
- Boolean

✧ Document Object Model (DOM)

- document object
- getElementById
- getElementsByClassName
- getElementsByTagName
- innerText & innerHTML
- style attribute to add CSS dynamically
- Cookies

✧ Browser Object Model (BOM)

- Window
- History
- Navigator
- Location

✧ **Events in JS**

- Mouse Events
- Keyboard Events
- Form Events
- Document/Window Events

✧ **Validation**

- Regular Expression
- program to validate mobile number
- email validation by Regular expression
- form validation

