

JavaScript - ES6

JS Fundamental

- Code Structure
- Reserved keywords
- Variables
- Data Types
- Type Conversion
- Operators
- Conditional operator
- Logical Operators
- Loops : For and While
- Switch statement
- Functions - expression and arrows

Data Types In detail

- Introduction to global Object
- Methods available on Primitive types
- Numbers and Math
- Strings
- Map, Set, WeakMap and WeakSet
- Objects (working)
- Arrays
- Destructuring
- Spread

Functions in Detail

- Call Stack
- Closure and Function binding
- Currying and partials

Object in Detail

- Constructor functions
- *this*
- Using *this* with arrow functions
- Constructor and *new* operator
- Property flags and descriptors
- Getters and setters

Classes in Detail

- Basic syntax
- Inheritance
- Properties and Methods
- Variable scopes
- Built-in classes

Error Handling

- Error handling try catch
- Custom errors

Promises

- Callbacks
- Promises
- Promise chaining
- Error handling in Promises

Modules

- Import
- Export

Browser

- Document Environment
- DOM Tree
- Searching : getElement and other query Selector
- Events
- Bubbling and capturing
- Browser default
- UI Events
- Drag and Drop Mouse Event

Form and Form control

- Form properties
- Focusing
- Events

Browser and application storage

- Cookies
- LocalStorage, sessionStorage

Network requests

- Fetch API
- Basics
- Cross-Origin requests