

# Training - JavaScript Crash Course

This course is targeted towards developers who have been working on JavaScript for a while but want to improve more on the basic concepts. Also great for people who just want to brush up their knowledge.

## Duration and Pace

**Sessions** - 8 hours (40 minutes per day for 5 days approx)

**Assignments** - 30 to 40 minutes per day

## Topics

1. **Data Structures**
  - Arrays.
  - Objects.
  - Traversing through structured data.
  - Parsing
  - Assignments (CRUD)
2. **DOM**
  - DOM Fetch
  - Manipulation
    - Addition of elements.
    - Modification as per need.
  - Events
    - JavaScript events that are used frequently.
3. **HTTP & Async/Await**
  - Await/Async
  - Promises
  - JS Fetch (Make HTTP requests)
4. **DEV tools (Chrome)**
  - JS Debugging
  - DOM search
  - Network Monitoring.

## Study Material

# Data Structures

Arrays: [https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global\\_Objects/Array/indexOf](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Array/indexOf)

Objects: [https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global\\_Objects/Object](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Object)

Loops and Iterations: [https://developer.mozilla.org/en-US/docs/Web/JavaScript/Guide/Loops\\_and\\_iteration](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Guide/Loops_and_iteration)

## DOM

Sample references -

Udemy course - [JavaScript - The Complete Guide 2023 \(Beginner + Advanced\) | Udemy](#) - Working with DOM

[https://developer.mozilla.org/en-US/docs/Web/API/Document\\_object\\_model/Using\\_the\\_Document\\_Object\\_Model](https://developer.mozilla.org/en-US/docs/Web/API/Document_object_model/Using_the_Document_Object_Model) - Guide

## HTTP & Async/Await

Sample references -

1. Udemy course - [JavaScript - The Complete Guide 2023 \(Beginner + Advanced\) | Udemy](#) - Working with HTTP requests, Async Javascript
2. <https://developer.mozilla.org/en-US/docs/Web/API/Request>
3. [https://developer.mozilla.org/en-US/docs/Web/JavaScript/Guide/Using\\_promises](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Guide/Using_promises)
4. [https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Statements/async\\_function](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Statements/async_function)

## DEV Tools

[https://developer.mozilla.org/en-US/docs/Learn/Common\\_questions/Tools\\_and\\_setup/What\\_are\\_browser\\_developer\\_tools](https://developer.mozilla.org/en-US/docs/Learn/Common_questions/Tools_and_setup/What_are_browser_developer_tools)

# Assignments

## Data Structures

NA

DOM

NA

HTTP & Async/Await

NA

DEV Tools

NA

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