

ADVANCED JAVA SCRIPT



Course: Adv. Certification in Java Script

Introduction

Introduction

DOM

DOM Events

Data Types & variables

var, Let and const

Operators

Decision Making (if,if-else,Multiple if, Nested if)

Function

Loop

Hoisting

Arrays

String

Error debugging

Internal Vs External

Break and continue

Outcome – After the completion of this chapter, students will understand Java script as programming language. In Project they can be able to write functions and business logics and can-do form validations.

jQuery

Introduction to jQuery

Selectors

Effects

Callbacks

Window and document Object

Inner html

Attributes

Changing CSS

Outcome – After the completion of this chapter, students will be able to write code in jQuery, so that by writing less code desire outp ut can be achieve. They can write code for Animations.

Object Oriented JavaScript

Introduction to Class

What is Object

Prototype

__proto__

Object Cloning

Outcome: After the completion of this chapter, students will understand the concept of OOPS in java script. Concept of OOPS help them to write quality code which can be easy to manage in projects.

AJAX

Architecture of AJAX

XMLHttp Object

AJAX request and response

Implement AJAX using JQuery or native Java Script

Outcome – After the completion of this chapter, students will understand the concept of AJAX, which will help them to generate better user experience in web pages.

Chart Library

What is JSON

JSON vs XML

Introduction to JQX

Create a bar chart

Create a Pie Chart

Create a line Chart

Outcome – After the completion of this chapter, students will have solid understanding of JSON and Chart library which they can implement in their project using jQuery and AJAX.

Architecture of Java Script

ECMAScript

Closure

Event Loop

Synchronous Vs asynchronous

Design Patterns

Outcome – After the completion of this chapter, students will have solid understanding of how Java script works internally. It helps them to think more deeper about any problem.

Es6 & Advance Concept

Arrow Function

Default Parameter

De-structuring in ES6

Classes in ES6

Promises

NPM

Outcome – After the completion of this chapter, students will know about the new concepts introduced in Java Script world.

Project Work

Call: 1800 1020 418, 9582786406/07/08

