

# **JavaScript Objects and OOP Programming with JavaScript**

**Modality: On Demand**

**Duration: 2 Hours**

## **About this Course:**

Learn more about JavaScript and how JavaScript ES6 can be applied to create amazing JavaScript projects. Course is loaded with JavaScript Examples and perfect JavaScript for Beginners to learn more about JavaScript Online. Writing JavaScript Code using vanilla JavaScript - no libraries no tricks this JavaScript tutorial the JavaScript Course will walk you through creating your own JavaScript code and provide many JavaScript Code Snippets for use in JavaScript programming. Learn JavaScript with this step by step JavaScript Course.

## **Course Objectives:**

- Creating objects - methods in objects
- Using Object to hold information
- Use of objects to create a shopping cart
- Use of objects to get element information
- Object oriented programming
- Creating new objects from template
- OOP recreate earlier objects
- New uses for objects
- Dice game made simple with OOP
- Shopping cart made with OOP
- All this and more

## **Audience:**

- Web developers
- Anyone who wants to learn more about applying JavaScript
- Web masters
- JavaScript coders who want to learn more about using JavaScript
- Anyone who wants to do interesting applications with JavaScript
- Frontend code writers

## **Prerequisites:**

- HTML CSS and JavaScript core knowledge
- Computer Access and Internet Access

- Use of Web editor and knowledge to setup web development environment

## Course Outline:

- **Introduction To Course Content**
  - OOP Objects Introduction
  - Section Intro
  - Introduction Dev Setup
- **JavaScript Objects**
  - JavaScript Objects
  - Car an Object
  - Output Object Data Dot notation and Bracket notation
  - Object Data iterating contents
  - Creating Elements using Object Information to output content on web pages.
  - Shopping Cart Challenge
  - Shopping Cart Challenge 2
  - Shopping Cart Challenge 3
  - 6 Shopping Cart Challenge 3-1
- **Object Oriented Programming JavaScript**
  - Object Oriented Programming
  - Constructor Functions
  - Objects Construction
  - Dice Game OOP
  - Dice Game OOP 2
  - Shopping cart OOP
  - Shopping cart OOP 2
  - Shopping cart OOP 3
  - Shopping cart OOP 4
  - Shopping cart OOP 5