

HTML

- HTML Introduction
- HTML Editors
- HTML Basic
- HTML Elements
- HTML Attributes
- HTML Headings
- HTML Paragraphs
- HTML Styles
- HTML Formatting
- HTML Quotations
- HTML Comments
- HTML Colors
- HTML CSS
- HTML Links
- HTML Images
- HTML Favicon
- HTML Tables
- HTML Lists
- HTML Block & Inline
- HTML Classes
- HTML Id
- HTML Iframes
- HTML JavaScript
- HTML File Paths
- HTML Head
- HTML Layout
- HTML Responsive
- HTML Semantics
- HTML Style Guide

CSS

- CSS Introduction
- CSS Syntax
- CSS Selectors
- CSS How To
- CSS Comments
- CSS Colors
- CSS Backgrounds
- CSS Borders
- CSS Margins
- CSS Padding
- CSS Height/Width
- CSS Box Model
- CSS Outline
- CSS Text
- CSS Fonts
- CSS Icons
- CSS Links
- CSS Lists
- CSS Tables
- CSS Display
- CSS Max-width
- CSS Position
- CSS Z-index
- CSS Overflow
- CSS Float
- CSS Inline-block
- CSS Align
- CSS Combinators
- CSS Pseudo-class
- CSS Pseudo-element
- CSS Opacity

Bootstrap

- BS Get Started
- BS Grid Basic
- BS Typography
- BS Tables
- BS Images
- BS Jumbotron
- BS Wells
- BS Alerts
- BS Buttons
- BS Button Groups
- BS Glyphicons
- BS Badges/Labels
- BS Progress Bars
- BS Pagination
- BS Pager
- BS List Groups
- BS Panels
- BS Dropdowns
- BS Collapse
- BS Tabs/Pills
- BS Navbar
- BS Forms
- BS Inputs
- BS Inputs 2
- BS Input Sizing
- BS Media Objects
- BS Carousel
- BS Modal
- BS Tooltip
- BS Popover
- BS Scrollspy
- BS Affix
- BS Filters

Javascript

- JS Introduction
- JS Where To
- JS Output
- JS Statements
- JS Syntax
- JS Comments
- JS Variables
- JS Let
- JS Const
- JS Operators
- JS Arithmetic
- JS Assignment
- JS Data Types
- JS Functions
- JS Objects
- JS Events
- JS Strings
- JS String Methods
- JS String Search
- JS String Templates
- JS Numbers
- JS Number Methods
- JS Arrays
- JS Array Methods
- JS Array Sort
- JS Array Iteration
- JS Array Const
- JS Dates
- JS Date Formats
- JS Date Get Methods
- JS Date Set Methods
- JS Math
- JS Random
- JS Booleans

- JS Comparisons
- JS If Else
- JS Switch
- JS Loop For
- JS Loop For In
- JS Loop For Of
- JS Loop While
- JS Break
- JS Iterables
- JS Sets
- JS Maps
- JS Typeof
- JS Type Conversion
- JS Bitwise
- JS RegExp
- JS Errors
- JS Scope
- JS Hoisting
- JS Strict Mode
- JS this Keyword
- JS Arrow Function
- JS Classes
- JS Modules
- JS JSON
- JS Debugging
- JS Style Guide
- JS Best Practices
- JS Mistakes
- JS Performance
- JS Reserved Words

JQuery

- jQuery Intro
- jQuery Get Started
- jQuery Syntax
- jQuery Selectors
- jQuery Events
- jQuery Effects
- jQuery Hide/Show
- jQuery Fade
- jQuery Slide
- jQuery Animate
- jQuery stop()
- jQuery Callback
- jQuery Chaining
- jQuery HTML
- jQuery Get
- jQuery Set
- jQuery Add
- jQuery Remove
- jQuery CSS Classes
- jQuery css()
- jQuery Dimensions
- jQuery Traversing
- jQuery Traversing
- jQuery Ancestors
- jQuery Descendants
- jQuery Siblings
- jQuery Filtering
- jQuery AJAX
- jQuery AJAX Intro
- jQuery Load
- jQuery Get/Post

Module 1 – Getting Started

- › Course Introduction
- › What is Angular?
- › Angular vs Angular 2 vs Latest Angular Version
- › CLI Deep Dive & Troubleshooting
- › Project Setup and First App
- › Editing the First App
- › What is TypeScript?
- › A Basic Project Setup using Bootstrap for Styling

Module 2 – The Basics

- › How an Angular App gets Loaded and Started
- › Creating a New Component
- › Understanding the Role of AppModule and Component Declaration
- › Using Custom Components
- › Creating Components with the CLI & Nesting Components
- › Working with Component Templates
- › Working with Component Styles
- › Fully Understanding the Component Selector
- › What is Databinding?
- › String Interpolation
- › Property Binding
- › Property Binding vs String Interpolation
- › Event Binding
- › Bindable Properties and Events
- › Passing and Using Data with Event Binding
- › Two-Way-Databinding

- Combining all Forms of Databinding
- Understanding Directives
- Using ngIf to Output Data Conditionally
- Enhancing ngIf with an Else Condition
- Styling Elements Dynamically with ngStyle
- Applying CSS Classes Dynamically with ngClass
- Outputting Lists with ngFor

Module 3 - Debugging

- Understanding Angular Error Messages
- Debugging Code in the Browser Using Sourcemaps
- Using Augury to Dive into Angular Apps

Module 4 - Components & Databinding Deep Dive

- Splitting Apps into Components
- Property & Event Binding Overview
- Binding to Custom Properties
- Binding to Custom Events
- Understanding View Encapsulation
- Using Local References in Templates
- Getting Access to the Template & DOM with @ViewChild
- Projecting Content into Components with ng-content
- Understanding the Component Lifecycle
- Lifecycle Hooks and Template Access
- Getting Access to ng-content with @ContentChild
- Recap and Section Assignment

Module 5 - Using Services & Dependency Injection

- › Why would you Need Services?
- › Creating a Logging Service
- › Injecting the Logging Service into Components
- › Creating a Data Service
- › Understanding the Hierarchical Injector
- › How many Instances of Service Should It Be?
- › Injecting Services into Services
- › Using Services for Cross-Component Communication

Module 6- Changing Pages with Routing

- › Why do we need a Router?
- › Setting up and Loading Routes
- › Navigating with Router Links
- › Understanding Navigation Paths
- › Styling Active Router Links
- › Navigating Programmatically
- › Using Relative Paths in Programmatic Navigation
- › Passing Parameters to Routes
- › Fetching Route Parameters
- › Fetching Route Parameters Reactively
- › Route Observables

Module 7 - Changing Pages with Routing

- › Why do we need a Router?
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- › Navigating with Router Links
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- › Fetching Route Parameters Reactively
- › Route Observables

- › Passing Query Parameters and Fragments
- › Retrieving Query Parameters and Fragments
- › Setting up Child (Nested) Routes
- › Using Query Parameters - Practice
- › Configuring the Handling of Query Parameters
- › Redirecting and Wildcard Routes
- › Outsourcing the Route Configuration
- › An Introduction to Guards
- › Protecting Routes with canActivate
- › Protecting Child (Nested) Routes with canActivateChild
- › Using a Fake Auth Service
- › Controlling Navigation with canDeactivate
- › Passing Static Data to a Route
- › Resolving Dynamic Data with the resolve Guard
- › Understanding Location Strategies

Module 8 - Understanding Observables

- › Analyzing Angular Observables
- › Getting Closer to the Core of Observables
- › Building a Custom Observable
- › Errors & Completion
- › Understanding Operators
- › Subjects

Module 9 - Making Http Requests

- › How Does Angular Interact With Backends?
- › The Anatomy of a Http Request
- › Backend (Firebase) Setup
- › Sending a POST Request
- › GETting Data
- › Using RxJS Operators to Transform Response Data
- › Using Types with the HttpClient
- › Outputting Posts
- › Showing a Loading Indicator
- › Using a Service for Http Requests
- › Services & Components Working Together
- › Sending a DELETE Request
- › Handling Errors
- › Using Subjects for Error Handling
- › Using the catchError Operator
- › Error Handling & UX
- › Setting Headers
- › Adding Query Params
- › Observing Different Types of Responses
- › Changing the Response Body Type
- › Introducing Interceptors
- › Manipulating Request Objects
- › Response Interceptors
- › Multiple Interceptors