

HTML (Hypertext Markup Language)

Duration: 6 hrs

The Hypertext Markup Language or HTML is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets and scripting languages such as JavaScript.

Introduction to HTML

WEB Architecture

HTML Tags

Types of HTML Tags:

Layout Tags

- Basic Tags
- Structural Tags

Semantic Tags

- Presentation Tags
- Links & Graphics.
- Lists.
- Dividers
- Backgrounds and Colors.
- Special Characters

Application Tags

- Forms
- Tables
- Frames

Logical Tags

- Emphasized Tag
- Strong Tag
- Code Tag

Introduction to HTML5

- New Input Types
- Audio Tag
- Video Tag
- Canvas Tag
- Geolocation

CSS (Cascading Style Sheets)

Duration:4 hrs

Cascading Style Sheets is a style sheet language used for describing the presentation of a document written in a markup language such as HTML or XML. CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript.

- CSS Introduction
- CSS Syntax
- CSS Comments
- CSS Colors
- CSS Backgrounds
- CSS Background Image
- CSS Borders
- CSS Margins
- CSS Padding
- CSS Box Model
- CSS Text
- CSS Fonts
- CSS Links
- CSS Forms
- CSS Shadow Effects

JavaScript

Duration: 6 hrs

JavaScript, often abbreviated as JS, is a programming language that is one of the core technologies of the World Wide Web, alongside HTML and CSS. As of 2022, 98% of websites use JavaScript on the client side for webpage behavior, often incorporating third-party libraries.

- Introduction to JavaScript
- Elements of JavaScript Program
- JavaScript Statements
- Functions
- Objects
- Defining Objects
- Arrays
- Events
- Time Outs
- Integrating JavaScript with HTML

jQuery

Duration: 4 hrs

jQuery is a JavaScript library designed to simplify HTML DOM tree traversal and manipulation, as well as event handling, CSS animation, and Ajax. It is free, open-source software using the permissive MIT License. As of Aug 2022, jQuery is used by 77% of the 10 million most popular websites.

jQuery Introduction

jQuery CDN (Content Delivery Network)

jQuery Effects

- Hide and Show
- Fading
- Sliding

jQuery Event

- jQuery click
- jQuery dblclick
- jQuery hover
- jQuery mousedown
- jQuery mouseup

jQuery DOM Manipulation

- clone-element
- empty-div
- hover-demo
- insert_element
- Remove_div

jQuery html()

jQuery Form

jQuery Miscellaneous

Bootstrap

Duration: 4 hrs

Overview of Bootstrap

- Introduction of Bootstrap
- Syntax of Bootstrap
- Container and Container-fluid
- Connectivity of Bootstrap in page

Bootstrap Component

- Jumbotron
- Button
- Grid
- Table
- Form
- Alert
- Wells
- Badge and label
- Panels
- Pagination
- Image
- Glyphicon
- Carousel
- Progress Bar
- Dropdown

Advance Component

- Tabs/Pill
- Navbar
- Input Types
- Modals
- Popover