Web Basics

- **What is the Web?**
- **What is Webpage**
- **What is Website and Web-Application**
- **Essential Language to Build Webpage**
- **How Website Works in Browser**
- **Website or Web Application, Which is Best to Learn**
- **Building Blocks of Web Application**

HTML Topics

- **Introduction to HTML**
- **Workspace Setup**
- **Creating HTML, CSS and JavaScript Files**
- **Linking CSS and JavaScript Files to HTML Files**
- **Load Balancing of Website in Browser**
- **Adding Live Server and Auto Rename Tag Extensions in VS Code**
- **Serving the Web Page with a Live Server**
- **Explanation of Basic Concepts in Boiler-Plate**
- **Elements**
- **Attributes**
- **Semantics**

CSS Topics

- **Introduction to CSS**
- **CSS Properties and values**
- **Inline CSS**
- **Selectors**
- **Internal CSS**
- **External CSS**
- **Margin**
- **Padding**
- **Border**
- **Box Model**
- **Background**
- **Float and clear**
- **List Styling**
- **Table Styling**
- **N-th Child**
- **Combinators**
- **Pseudo Class**
- **Position**
- **Display**

BootStrap

- **Introduction to Bootstrap**
- **Why We Need Bootstrap**
- **Components**
- **Utilities**

JavaScript Topics

- Introduction to JavaScript
- JavaScript Code in the Console
- Creating and Integrating JavaScript Files into HTML Pages
- Variables
- DataTypes
- Operators
- If Statement
- Ternary Operator
- Switch Statement
- Function
- Scope of a Variable
- For Loop
- While Loop
- Do-While
- Arrow Function
- String Methods
- Array Methods
- Object Methods
- Math Module
- Map Method of Looping
- Error Handling
- Class
- OOPS Concept
- Data Abstraction
- Encapsulation
- Inheritance
- Polymorphism

JavaScript Topics For Web

- **Event Handling**
- **Manipulating HTML with JavaScript**
- **Manipulating CSS with JavaScript**
- **Collecting Form Data**
- **Ajax - XMLHttp Request [Get, Post, Put/Patch, Delete]**
- **Ajax - Fetch [Get, Post, Put/Patch, Delete]**