

Front End Development

Using HTML ,CSS ,JavaScript and Bootstrap

Overview: Front-end web development, also known as client-side development is the practice of producing HTML, CSS and JavaScript for a website or Web Application so that a user can see and interact with them directly. Bootstrap is a sleek, intuitive, and powerful, mobile first front-end framework for faster and easier web development. It uses HTML, CSS and JavaScript.

HTML ,CSS & Bootstrap

Module 1: Introduction to Web Development

- Introduction of Web Programming

Module 2: Introduction to HTML

- History of HTML
- Need of HTML for Web Development
- HTML Tags and Attributes

Module 3: HTML-Basic Formatting Tags

- HTML Basic Tags
- HTML Formatting Tags
- HTML Color Coding

Module 4: HTML Heades

- Title
- Link
- Style
- Script
- Meta

Module 5: HTML Div and Span

- Div and Span Tags for Grouping

Module 6: HTML Lists

- Lists in HTML
- Types of Lists
- Example of every types

Module 7: HTML Image

- Image tags
- Add images in web page

Module 8: HTML Hyper-Link

- Uses of a tags
- URL Encoding

Module 9: HTML Table

- Element of Tables
- All tags of Tables

Module 10: HTML Iframe

- Attributes of Iframe
- Iframe as a target

Module 11: HTML Form

- Input
- Textarea
- Label
- Button
- Select

Module 12: CSS Intoduction

- History of CSS
- Benefit of CSS
- CSS Syntax
- Types of CSS

Module 13: CSS Syntax

- CSS Syntax
- Single Style Sheets
- Multiple Style Sheets

Module 14: CSS Selectors



- ID Selectors
- Class Selectors
- Grouping Selectors
- Universal Selectors
- Attribute Selectors
- Child Selectors

Module 15: CSS Background

- **Background-Image**
- **Background-Color**
- **Background-repeat**
- **Background-Position**

Module 16: CSS Text Styling

- Color
- Background-Color
- Text-Size
- Text_Align
- Styling

Module 17: CSS Table Styling

- Color
- Background-Color
- Align
- Styling of table elements

Module 18: CSS Box Model

- Border and Outline
- Padding and Margin
- Height and Width

Module 19: CSS Display

- CSS Visibility
- CSS Display
- CSS Scrollbar
- Types of CSS Positioning

Module 20: Introduction to Bootstrap

- History



- Responsive Webpage
- Applying Bootstrap in web pages

Module 21: Bootstrap Grid

- Introduction to Grid
- Introduction to Container
- Advantages of Grid
- Column
- Responsive Images

Module 22: Bootstrap Components

- Introduction to Bootstrap Component
- Advantage of Bootstrap Component
- Bootstrap Forms
- Bootstrap Dropdown Menu
- Responsive Navbar
- Alert Button
- Create Progress bar

Module 1: Introduction

- Introduction to Scripting Language
- Introduction to JavaScript
- History of JavaScript

Module 2: Syntax

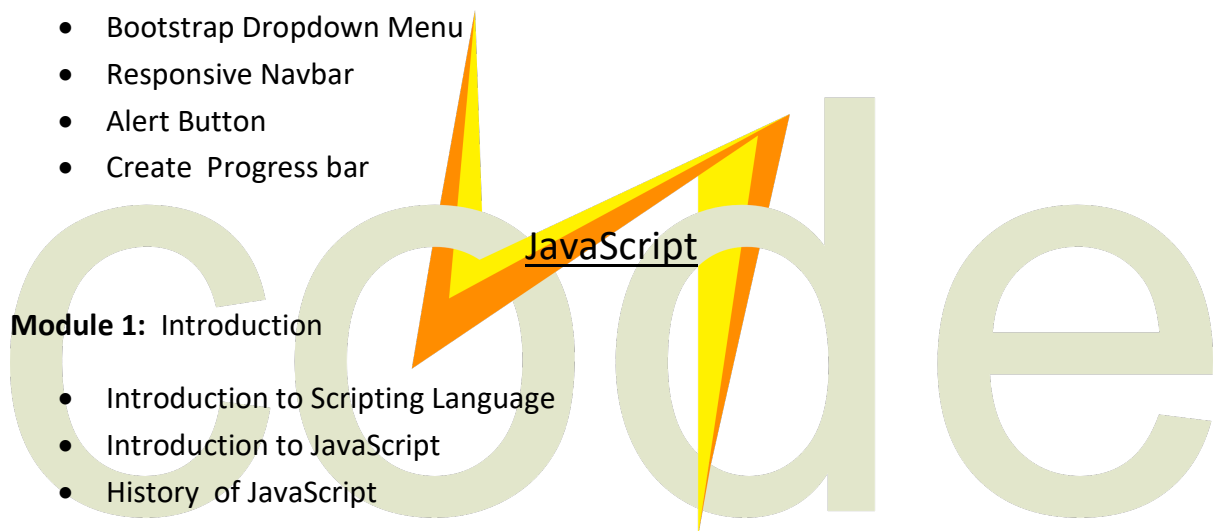
- Syntax of JavaScript

Module 3: Fundamental of JavaScript

- Data Type
- Variable
- Operator
- Functions
- Array
- Objects

Module 4: HTML DOM

Module 5: Asynchronous JavaScript



Live Project: Create a Responsive styling Proflio

Extra Features:

- Introduction to Firebase
- Host the live Project in Firebase and connect with the real time database

At the end of the course participants will be able to:

- Able to Develop HTML to define the content of web pages
- Able to Develop CSS to specify the layout of web pages
- Able to Develop JavaScript to program the behaviour of web pages
- Able to Develop Responsive Front-End WebPages

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