**KODE10X HTML/CSS CURRICULUM**

#### **Week 1: Introduction to Frontend Development & Installation**

* Understanding Web Development
* Overview of Frontend vs. Backend
* Installing Required Tools:
  + **VS Code**
  + **Node.js**
  + **Git**
* Setting Up a Basic HTML Project

#### **Week 2: Introduction to HTML**

* What is HTML?
* Writing Your First HTML Page
* Common HTML Elements & Attributes:
  + Headings, Paragraphs, Lists
  + Links, Images, Buttons
* Forms & Tables
  + Input Fields, Select, Checkbox, Radio Buttons
  + Creating and Styling Tables

#### **Week 3: Version Control (Git & GitHub)**

* **Introduction to Git & GitHub**
* Installing & Configuring Git
* Git Commands:
  + Initializing Repositories
  + Staging & Committing Changes
  + Pushing to GitHub
  + Cloning Repositories
  + Pull Requests and Merging
* Hands-on: **Push an HTML project to GitHub**

#### **Week 4: Introduction to CSS**

* What is CSS?
* Adding CSS to HTML: Inline, Internal, External
* Basic Styling of Elements
* Colors, Fonts, Borders, and Backgrounds

#### **Week 5: CSS Layouts & Positioning**

* Box Model
* Display Property
* Flexbox Basics
* Grid Layout

#### **Week 6: Responsive Design with CSS**

* Media Queries
* Mobile-First Approach
* CSS Units (em, rem, %, vh, vw)
* Responsive Navigation Menus

#### **Week 7: Advanced CSS Features**

* CSS Transitions & Animations
* CSS Variables
* Pseudo-elements & Pseudo-classes
* CSS Frameworks (Bootstrap Basics)

#### **Week 8: Final Project & Deployment**

* Build a small responsive project
* Host on GitHub Pages
* Showcase and Feedback