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December, 2022

## **MODULE 1: HTML**

### **Day 1:**

- Why this course, the Web.
- HTML setup, syntax, page structure.
- Elements, empty elements.
- List, links, pages, attributes.

### **Day 2:**

- Images and videos.
- Tables, Forms, Entities, Characters
- Semantic, block elements

## **MODULE 2: CSS**

### **Day 3:**

- CSS Setup, Syntax, Selectors
- How to add CSS

### **Day 4:**

- Project 1: Build TeenCoders Website Structure

### **Day 5:**

- CSS Colors, Units of measurements
- CSS fonts, Text manipulation.

### **Day 6:**

- List, Links
- Width, Height

### **Day 7:**

- Background Colors, Images
- Linear Gradients

### **Day 8:**

- Project 8: Build the NavBar and Header Section of a Webpage

### **Day 9:**

- Layout, Box model
- Contents, Padding, Border, Margin

### **Day 10:**

- Display, Flexbox
- Flex Container, Flex Items

### **Day 11:**

- Positioning
- Transition
- Animation

### **Day 12:**

- Responsive Design
- Media queries
- Project 3: Create your personal webpage and host it on the web

## **MODULE 3: INTRO TO JAVASCRIPT**

### **Day 13:**

- JavaScript setup, syntax
- Data types
- Variables

### **Day 14:**

- Operators
- Conditional Statements

### **Day 15:**

- Final Project
- Hamburger Menu (HTML, CSS, JavaScript)

### **Day 16:**

- Graduation, Certification.



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## **MODULE 1: JS**

### **Day 1:**

- Introduction to JavaScript
- Java script setup.
- Data types and Variables
- Mathematical Operators
- Comments

### **Day 2:**

- Scoping
- Functions
- Operators
  - a, Logical Operators
  - b. Comparison Operator
- Control Flows
  - a, loops
  - b. Conditional statements.
- Type Conversion.

### **Day 3:**

- Arrays
- Return statements, arguments and parameters.
- Java script Objects
- Methods and Properties & (Assignment).

## **WEEK 2: JS**

### **Day 1:**

- JavaScript selectors.
- Dom Trans-versing and Modification
- CSS styling in JavaScript.
- Event Handler.

### **Day 2:**

- Formation validation
- Creating git account
- Git commands

### **Day 3:**

- Introduction to git, git hub
- Creating git account
- Git commands
- Pushing projects to git repository & (Assignment).

## **Week 3: REACT**

### **Day 1:**

- Introduction to REACT
- Node/ React Installation
- React jsx

### **Day 2:**

- Extension
- Components in REACT
- Styling React
- Dynamic values in REACT

### **Day 3:**

- React PROPS
- React Router Dom & (Assignment).

## **Week 4: React/ Projects**

### **Day 1:**

- Intro to Hooks
- UseState
- UseEffect

### **Day 2:**

- Introduction to Json
- Consuming API AND MORE...

### **Day 3:**

- Final Project & (Assignment).