**Day 1: Introduction and Setup**

* Install Visual Studio Code (VS Code) if not already installed.
* Install the Live Server extension in VS Code for live reloading and easy web development.

**Day 2-3: Basic HTML and CSS Review**

**Day 2:**

* Recap of HTML Basics: Document structure, tags, elements, attributes.
* Practical Task: Create a basic webpage layout using semantic HTML in VS Code.

**Day 3:**

* Recap of CSS Basics: Selectors, properties, values.
* Practical Task: Style your webpage using CSS in VS Code for basic layout and typography.

**Day 4-6: Intermediate HTML and CSS Techniques**

**Day 4:**

* Forms and Input Elements: Creating interactive forms with different input types.
* Practical Task: Design and style a form with validation using HTML5 and CSS in VS Code.

**Day 5:**

* Responsive Web Design: Introduction to media queries and flexible layouts.
* Practical Task: Make your webpage responsive using media queries in VS Code for different screen sizes.

**Day 6:**

* CSS Layout Techniques: Flexbox and Grid Layout.
* Practical Task: Design a complex layout (e.g., dashboard, multi-column form) using Flexbox or Grid in VS Code.

**Day 7-10: Advanced CSS Styling Techniques**

**Day 7:**

* Advanced Selectors and Pseudo-classes: Using combinators and pseudo-classes for styling.
* Practical Task: Style interactive states (e.g., hover, active) and complex UI components in VS Code.

**Day 8:**

* CSS Transitions and Animations: Adding motion and interactivity with CSS animations.
* Practical Task: Implement animations (e.g., fade-ins, slide-outs) on elements within your webpage using VS Code.

**Day 9:**

* CSS Variables (Custom Properties): Introduction to CSS custom properties for reusable styles.
* Practical Task: Implement CSS variables to manage and update colors or layout properties in VS Code.

**Day 10:**

* Advanced CSS Techniques: Using transforms, gradients, and filters.
* Practical Task: Apply transforms and gradients creatively to enhance visual elements on your webpage using VS Code.

**Day 11-13: Interactive Features and Accessibility**

**Day 11:**

* Form Styling and Validation: Customizing form elements and client-side validation.
* Practical Task: Improve accessibility by implementing ARIA roles and attributes in your forms using VS Code.

**Day 12:**

* Responsive Images and Media: Implementing responsive images and optimizing media assets.
* Practical Task: Enhance your webpage with responsive images and consider accessibility for multimedia content in VS Code.

**Day 13:**

* Performance Optimization: Techniques for improving webpage loading times and performance.
* Practical Task: Audit and optimize your webpage for performance using tools like Lighthouse or PageSpeed Insights in VS Code.

**Day 14-15: Project and Refinement**

**Day 14:**

* Project Development: Work on a personal project or extend your existing webpage with advanced features.
* Practical Task: Implement a new feature or section that integrates multiple advanced HTML and CSS techniques in VS Code.

**Day 15:**

* Review and Optimization: Review your project code for best practices, performance, and accessibility.
* Practical Task: Optimize your webpage across different browsers and devices, ensuring it meets accessibility standards using VS Code.