Training Day 2 Report:

12 June 2024

**Key Takeways:**

1. **Cascading Style Sheets (CSS)**

**Types of CSS:**

1. **Inline CSS:**
   * Directly written within the HTML tags using the style attribute.
   * Example: <p style="color: blue;">This is a blue paragraph.</p>
2. **Internal CSS:**
   * Written within the <style> tag in the <head> section of an HTML document.
3. **External CSS:**
   * Stored in a separate .css file and linked to the HTML document using the <link> tag.
4. **Why Use External CSS:**

* **Separation of Concerns:** Keeps the HTML content separate from the design, leading to cleaner and more maintainable code.
* **Reusability:** A single external CSS file can be used across multiple HTML documents, reducing redundancy.
* **Efficiency:** Reduces the amount of code in individual HTML files, which can speed up loading times and make the site easier to manage.
* **Consistency:** Ensures a consistent look and feel across different pages of a website.

1. **CSS Rules for IDs and Classes**
2. **IDs:**

* Each ID should be unique within an HTML document.
* **Rule:** A single HTML element cannot have multiple IDs.
* Example: <div id="uniqueID"></div>

1. **Classes:**

* Classes are not unique and can be used multiple times in an HTML document.
* **Rule:** An HTML element can have multiple classes.
* Example: <div class="class1 class2"></div>

1. **Hands-On Exercise with div Elements**

* Practiced applying different CSS styles to div elements using classes and IDs.
* Explored how to use multiple classes on a single div to apply combined styles.
* Demonstrated the limitations of using multiple IDs on a single element and why it's not allowed in HTML and CSS.