👩‍💻 **Day 3 Lab Sheet – CSS Basics & Selectors**

Objective

By the end of this lab, you will:

- Apply CSS to HTML pages

- Practice using selectors (element, class, ID, pseudo-classes)

- Understand the box model (margin, border, padding)

- Style text, colors, and links

Task 1: Linking CSS to HTML

1. Create a file called day3_styles.html.

2. Add the following HTML structure:

<!DOCTYPE html>

<html>

<head>

 <title>Day 3 Practice</title>

 <link rel="stylesheet" href="style.css">

</head>

<body>

 <h1>Welcome to CSS</h1>

 <p>This is my first styled page.</p>

 Visit Wikipedia

</body>

</html>

3. Create a separate file style.css.

4. In style.css, write:

body {

 font-family: Arial, sans-serif;

 background-color: #f0f0f0;

}

✅ Open day3_styles.html in your browser → the page background should be light gray.

Task 2: Using Element, Class & ID Selectors

    1.   Add the following code inside <body>:

<p id="intro">This is an introduction paragraph.</p>

<p class="highlight">This is an important note.</p>

    2.   In style.css, add:

```
#intro {

 color: blue;

 font-size: 18px;

}

.highlight {

 background-color: yellow;

 font-weight: bold;

}
```

✅ Check the difference between ID and Class selectors.

Task 3: Box Model Practice

    1.   Add a <div> with text in day3_styles.html:

<div class="box">This is a box model example.</div>

    2.   In style.css, add:

```
.box {

 margin: 20px;

 padding: 15px;

 border: 3px solid black;

 background-color: lightblue;

}
```

✅ Observe how margin, padding, and border affect layout.

Task 4: Styling Text & Links

    1.   Add the following inside <body>:

<h2>CSS Styling Demo</h2>

<p class="styled-text">CSS makes webpages look better!</p>

```
<a href="#">Hover over me</a>
```

2. In style.css, add:

```css
.styled-text {
 color: darkgreen;
 font-size: 20px;
 text-align: center;
 text-decoration: underline;
}


a {
 color: blue;
 text-decoration: none;
}


a:hover {
 color: red;
 text-decoration: underline;
}
```

✅ The link should change color on hover, and text should be styled.

Task 5: Mini Project – Styled Profile Page

👉 Create a simple **Profile Page** with:

- A heading (your name).

- A paragraph (short bio).

- An image (any sample picture).

- A link to your favorite website.

- Apply CSS:

  - Background color for the body

  - Different font for headings

  - Box model styling for the bio section

  - Hover effect on the link

✅ Deliverables

- day3_styles.html

- style.css

Your output should show proper styling for text, box model, and links.