**Task 8: Color and Background**

CSS provides multiple ways to set colors (e.g., **hex**, **RGB**, **HSL**) and backgrounds, allowing you to create visually appealing designs.

**Example:**

**html**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Color and Background Example</title>

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

</head>

<body>

<h1>Background and Color Styling</h1>

<p>This paragraph demonstrates background colors and gradients.</p>

</body>

</html>

**css**

/\* styles.css \*/

body {

background-color: #f0f0f0; /\* Light gray background using hex code \*/

color: #333; /\* Dark gray text color \*/

}

h1 {

color: rgb(0, 102, 204); /\* Blue text color using RGB \*/

background-color: hsl(0, 100%, 90%); /\* Light red background using HSL \*/

}

p {

background: linear-gradient(to right, red, yellow); /\* Gradient background \*/

}

**Explanation**:

* background-color: Sets a solid color background.
* color: Sets the text color.
* linear-gradient: Applies a gradient from red to yellow.