INDEX.HTML

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

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

<title>JavaScript Fundamentals Assignment</title>

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

</head>

<body>

<header>

<h1>JavaScript Fundamentals Demo</h1>

<p>This demo includes variables, functions, loops, and DOM manipulation.</p>

</header>

<main>

<section>

<h2>Part 1: Basics</h2>

<button id="check-age-btn">Check Age</button>

<p id="age-result"></p>

</section>

<section>

<h2>Part 2: Functions</h2>

<button onclick="greetUser('Student')">Greet User</button>

<button onclick="showTotal(45, 55)">Show Total</button>

<p id="function-output"></p>

</section>

<section>

<h2>Part 3: Loops</h2>

<button id="show-list-btn">Show Shopping List</button>

<ul id="shopping-list"></ul>

<button id="countdown-btn">Start Countdown</button>

<p id="countdown"></p>

</section>

<section>

<h2>Part 4: DOM Manipulation</h2>

<button id="toggle-style-btn">Toggle Highlight</button>

<div id="highlight-box">Click the button to change my style!</div>

</section>

</main>

<script src="script.js"></script>

</body>

</html>