Project 1: Creating a Simple Personal Webpage

Objective:

The goal of this project was to create a basic personal webpage. The task emphasized laying out content and styling a webpage to make it visually appealing and functional.

Implementation:

Using HTML and CSS, I structured and designed a webpage that could serve as an introductory platform. Key components included a profile picture , a brief biography, and links to contact information or social profiles.

Key Learnings:

- **HTML Structuring:** Gained deeper insights into organizing a webpage with semantic elements, creating a well-structured document that aids accessibility and SEO.

- **CSS Styling:** Enhanced my understanding of CSS, including layout techniques and responsive design principles.

Project 2: Developing a Calculator Application Using JavaScript

Objective:

This project involved developing a functional calculator application capable of performing basic arithmetic operations, focusing on JavaScript's role in interactive functionality.

Implementation:

The calculator was built using HTML, CSS, and JavaScript. HTML was used to create the interface, CSS to style it, and JavaScript to handle arithmetic operations like addition, subtraction, multiplication, and division. User inputs were processed and calculated in real time, providing an interactive experience.

Key Learnings:

- **JavaScript Functions:** Enhanced understanding of JavaScript functions, specifically how to handle input, perform calculations, and display results dynamically.

- **DOM Manipulation:** Learned to access and manipulate the Document Object Model (DOM) to capture user inputs and update outputs in real time.

- **Problem-Solving Skills:** Developed skills in debugging and handling edge cases, like dividing by zero.

Overall Experience:

The internship projects have significantly strengthened my foundational skills in web development. I gained hands-on experience in HTML, CSS, and JavaScript, which has improved my confidence in creating interactive, functional, and visually appealing web applications.