MLSA
Project Report

Project Title: To-Do List and Simple Calculator

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To-Do List:

Purpose:
The goal of the To-Do List app is to support users in planning and keeping track of daily activities with a straightforward, interactive interface. This tool is designed to encourage productivity by enabling easy management of tasks.

Core Functions:

- **Task Creation and Modification**: Allows users to add or delete tasks according to their schedule.

Technologies Employed:

- **HTML** for page structure.
- **CSS** for responsive design and aesthetic layout.
- **JavaScript** to power dynamic task functionality.

Calculator Application:

Purpose:
This calculator app aims to deliver a reliable and simple solution for performing basic arithmetic calculations. It's designed to provide results instantly in a user-friendly layout.

Core Functions:

- **Basic Calculations**: Handles addition, subtraction, multiplication, and division.
- **Reset Option**: A clear button enables users to reset the calculator and start fresh.
- **Real-Time Display**: Displays results immediately after each operation, enhancing usability.

Technologies Employed:

- **HTML** for organizing the button and display layout.
- **CSS** for styling to create a clear, accessible interface.
- **JavaScript** to manage the calculation functions and display results in real time.

Development Insights

- **Front-End Skills**: Improved command of HTML, CSS, and JavaScript through practical application.
- **Responsive Layout Design**: Built user interfaces that adapt to various screen sizes, ensuring accessibility.
- **Debugging and Problem Solving**: Overcame technical challenges and improved troubleshooting techniques.

Reflections

- **Incorporating Feedback**: Adapted features and layout based on feedback to enhance usability.
- **Continuous Improvement**: Iteratively refined the applications to optimize functionality.
- **Coding and Logical Reasoning**: Enhanced logical thinking through real-world applications of JavaScript and learned efficient coding practices.

Overall Outcome:
These projects offered valuable experience in front-end development, equipping me with practical skills in building interactive web applications.