

Assignment 3 : Build a Full Stack App (Calculator)

Overview:

Develop a full stack calculator application using Python. The backend should be implemented with FastAPI to manage arithmetic operations, while the frontend should be built using Gradio.

Objectives:

- Create a FastAPI backend that supports basic arithmetic operations: addition, subtraction, multiplication, and division.
- Implement error handling for common issues like division by zero and invalid input types.

Expected Deliverables:

- A FastAPI application with appropriate routing and error management.
- A Gradio interface that communicates with the backend, providing a seamless user experience.
- An explainer video to demonstrate the functionality of the full stack app.