# Simple Calculator Mini Project

## 📌 Project Overview

This mini-project focuses on creating a simple Calculator application using Python. The primary goal was to develop a basic software tool while learning to manage the entire development workflow using **Git** and **GitHub** within **VS Code**.

## 🚀 Features

The calculator accepts user input for two numbers and allows the user to perform basic arithmetic operations based on their selection:

* **Addition**: Sums two numbers.
* **Subtraction**: Subtracts the second number from the first.
* **Multiplication**: Multiplies two numbers.

## 🛠️ Technologies Used

* **Language**: Python 3
* **IDE**: Visual Studio Code (VS Code)
* **Version Control**: Git
* **Hosting**: GitHub

## 💻 How to Run

1. **Clone the repository**:  
   git clone [https://github.com/rakshit7/linux-shell-assignment.git](https://github.com/rakshit7/linux-shell-assignment.git)
2. **Navigate to the directory**:  
   cd linux-shell-assignment
3. **Run the script**:  
   python cal.py  
     
   *(Note: Ensure Python is installed on your system)*

## 📂 Git Workflow & Commands

The following Git commands were utilized to manage the version control for this project:

1. **git init**: Initialized the new Git repository in the project folder to start tracking changes.
2. **git add .**: Staged the Python script files to be included in the commit.
3. **git commit -m "message"**: Saved the staged changes permanently to the repository with a descriptive message (e.g., "Added calculator functions").
4. **git branch**: Used to manage different versions or features of the code.
5. **git push origin main**: Uploaded the local commits to the GitHub repository.

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*This project is part of the CSFD coursework to demonstrate proficiency in building and documenting a mini-project using GitHub and VSCode.*