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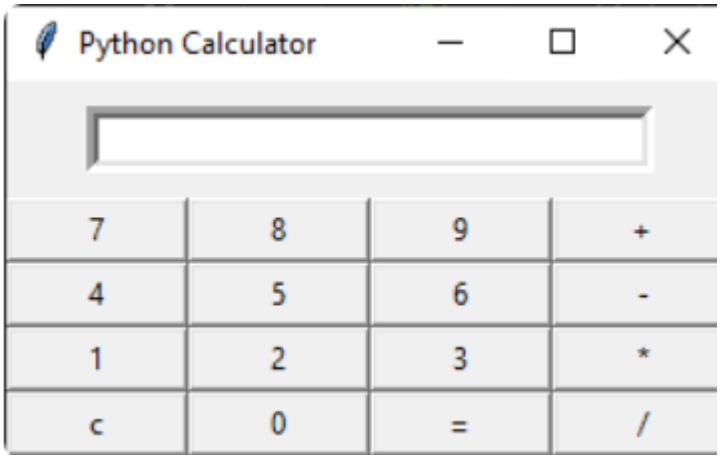
Introduction

We hope there is a chance that you already know a Python-based calculator program and are now eager to move into the realm of creating a Graphical User Interface (GUI) for enhanced presentation and reusability. Tkinter library is the Basic GUI toolkit for Python.

Project Overview

Before plunging into the code, let's take a moment to outline the nature of the calculator we expect to construct, its functionalities, and its indispensable components.

The expected GUI application should resemble the following features:



Outlined below are the essential features deemed indispensable for this application:

- An equation display area (screen) to exhibit the mathematical expressions and their respective results.
- Clickable buttons, each representing numerical values or mathematical operations.
- Core mathematical operations functionality, encompassing addition, subtraction, multiplication, and division.
- Seamless execution of mathematical calculations, yielding results (=), coupled with the ability to clear the equation display (c).

Learning Outcome:

1. Core Python

2. tkinter Library

3 Visual Studio Code[IDE]

4. GitHub

5. Application development using Python programming language

Final Submission (1 month)

- Work on the Visual Studio Code and make a Python script for the application, which will be saved in the Project 1 folder.
- Make a Small Presentation including all explanations of the project with output.
- Link to your GitHub Account that should include your required code.