**Sapphire Calculator User Manual**

*Overview*

The Sapphire Calculator is a simple calculator application built using the Tkinter library in Python. It allows you to perform basic arithmetic operations such as addition, subtraction, multiplication, and division. You can also use the calculator to evaluate complex mathematical expressions.

*Getting Started*

1. Opening the Calculator: To open the Sapphire Calculator, run the Python script that contains the code. The calculator window will appear on your screen. Make sure you have tkinter and pillow installed.

2. Calculator Interface: The main window of the Sapphire Calculator consists of the following elements:

- Entry Field: This is where you can input the numbers and mathematical expressions that you want to evaluate.

- Number Buttons: The calculator contains buttons labeled with numbers (0-9) and decimal point (.) for numeric input.

- Operation Buttons: The calculator also contains buttons for basic arithmetic operations: addition (+), subtraction (-), multiplication (×), and division (÷).

- Equal Button (=): Press this button to evaluate the expression in the entry field and display the result.

- Clear Button (C): This button clears the entry field, allowing you to start a new calculation.

- Backspace Button: Use this button to delete the last character entered in the entry field.

- Exit Button: Pressing this button will prompt you to confirm whether you want to exit the calculator.

*Using the Calculator*

1. Numeric Input: To perform calculations, use the number buttons (0-9) to input the desired numbers into the entry field. If you need a decimal point, use the decimal button (.).

2. Arithmetic Operations: The calculator provides buttons for basic arithmetic operations. Use these buttons to input the desired mathematical operations into the entry field.

3. Evaluating Expressions: After entering a mathematical expression, press the equal button (=) to evaluate the expression. The result will be displayed in the entry field.

4. Clearing Entries: To start a new calculation, press the clear button (C). It will clear the entry field, allowing you to enter new numbers and expressions.

5. Deleting Characters: If you make a mistake while entering a number or expression, use the backspace button to delete the last character entered.

6. Exiting the Calculator: To exit the calculator, press the exit button. A confirmation dialog will appear, asking if you are sure you want to exit. If you choose "yes," the calculator will close.

*Error Handling*

- If you input an invalid mathematical expression or encounter an error during evaluation, the entry field will display "Error." In such cases, check the expression for errors and try again.