

Calculator

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Focus

Objectives

- Beneficial for basic Calculation.
- Building concept for GUI based application with C Programming.

Language Used

- C

Overview

Layer:

- User Interface layer
- Event Handling Layer
- Computation Layer
- Application Execution Layer

Tools and Resources Used

IDE

- Visual Studio code

Version Control

- Git
- Github

Tools and Resources Used

Header Files

- `stdio.h`
- `stdlib.h`
- `math.h`
- `string.h`
- `gtk/gtk.h`

Operations

Multiplication

- Performs multiplication numbers.



Operations

Power Calculation

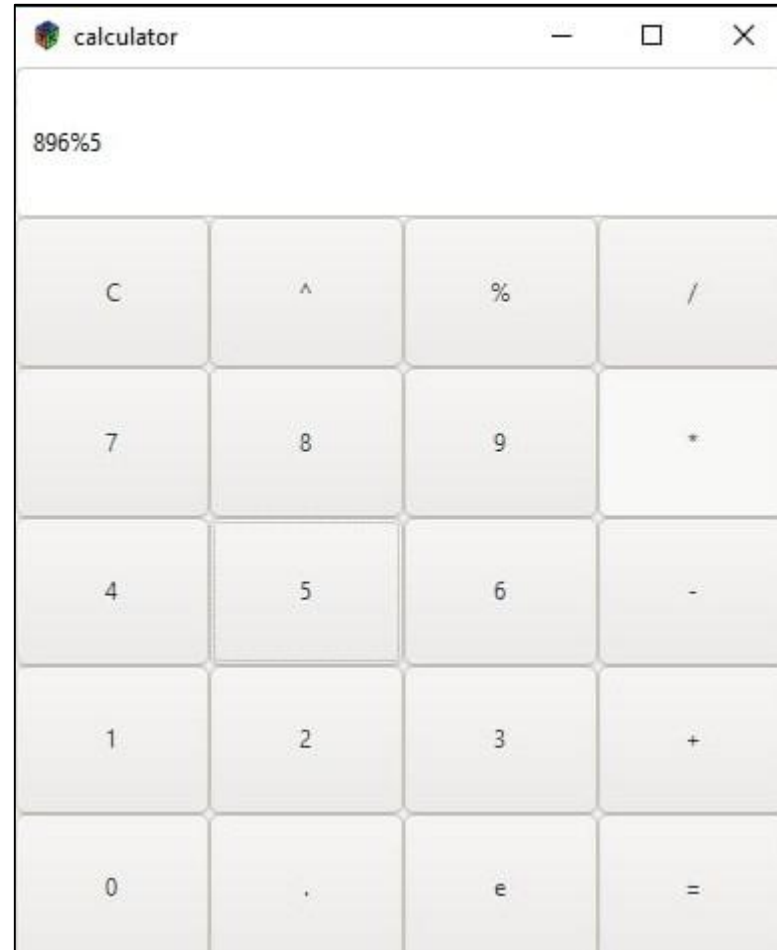
- Performs power calculation of number.



Operations

Reminder Calculation

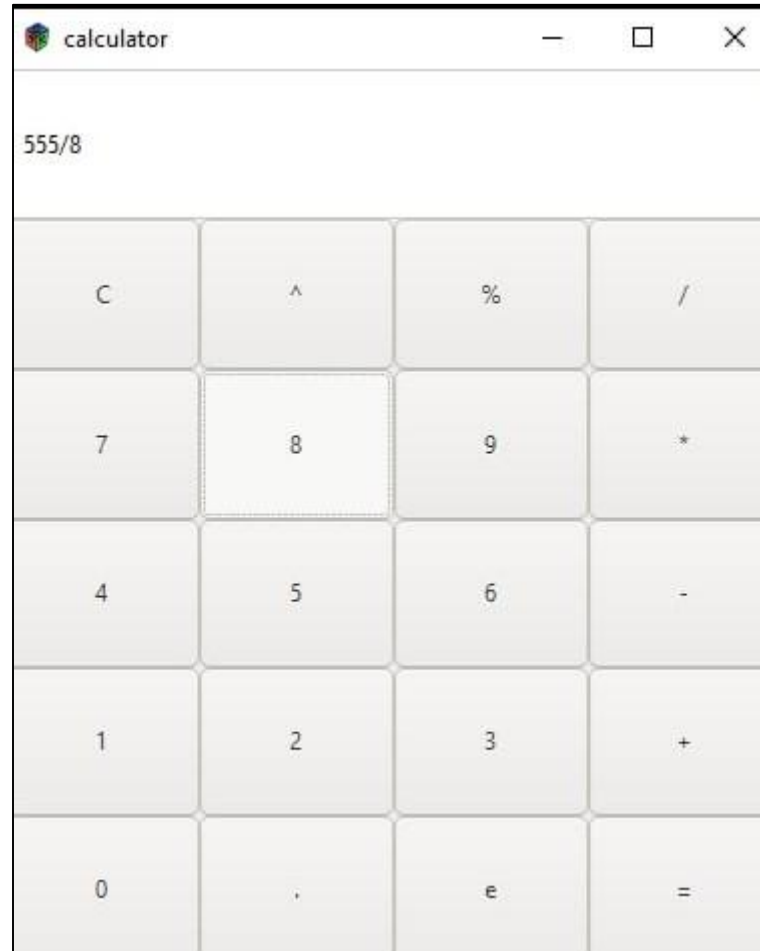
- Performs reminder calculation.



Operations

Division

- Performs division of two numbers.



Future Improvement

- Enhancing expression parsing.
- History feature
- Keyboard input support
- Theming

Conclusion

- Team Collaboration – Strengthened problem-solving and teamwork skills.
- Project Documentation – Successfully prepared a proposal and report.
- Future Scope – GUI based application development.
- Demonstrates the fundamental principles of creating a simple graphical user interface (GUI) application using the GTK toolkit in C.

Thank You!!!