

Multi Functional Calculator

Submitted By: Aditya Raj

ERP:-RU-25-10109

Guided By: Ms. Naina Devi



Agenda

Introduction

Tools and Technologies

Project Working

Applications

Advantages

Future Scope

Introduction

- A Multi Functional Calculator is a program that performs multiple mathematical operations.
- It can handle basic and advanced calculations in a single application.
- This project is developed to simplify mathematical operations for users.
- It helps students understand functions, logic, and menu-driven programming.

Tools and Technologies

Programming Language: C

Compiler : GCC

Libraries Used:

- stdio.h for input and output
- math.h for mathematical functions

Project Working

```
--- Multi-Functional Calculator ---
1. Addition
2. Subtraction
3. Multiplication
4. Division
5. Square Root
6. Power
0. Exit
Enter your choice:
```

Square root

```
--- Multi-Functional Calculator ---
1. Addition
2. Subtraction
3. Multiplication
4. Division
5. Square Root
6. Power
0. Exit
Enter your choice: 5
Enter number: 64
Result: 8.00
```

Addition

```
--- Multi-Functional Calculator ---
1. Addition
2. Subtraction
3. Multiplication
4. Division
5. Square Root
6. Power
0. Exit
Enter your choice: 1
Enter first number: 25 25
Enter second number: Result: 50.00
```

Subtraction

```
--- Multi-Functional Calculator ---
1. Addition
2. Subtraction
3. Multiplication
4. Division
5. Square Root
6. Power
0. Exit
Enter your choice: 2
Enter first number: 65 45
Enter second number: Result: 20.00
```

Power

```
--- Multi-Functional Calculator ---
1. Addition
2. Subtraction
3. Multiplication
4. Division
5. Square Root
6. Power
0. Exit
Enter your choice: 6
Enter base: 8
Enter power: 2
Result: 64.00
```

Exit

```
--- Multi-Functional Calculator ---
1. Addition
2. Subtraction
3. Multiplication
4. Division
5. Square Root
6. Power
0. Exit
Enter your choice: 0
Calculator Closed
PS C:\Users\user\OneDrive\Desktop\C_project>
```

Applications



Used for daily mathematical calculations



Helpful for students and teachers



Useful in engineering and scientific fields



Can be used as a learning tool for programming

The illustration features three main scenes. Top right: Two people at a desk; one uses a calculator while the other works with documents. Top left: A person in a headset uses a calculator. Bottom right: A person works on a laptop surrounded by data visualizations like charts and graphs. Bottom left: A person sits at a desk with a large digital screen displaying the number '15.6' and a gear icon, with code snippets floating around.

Implicit Time Calculator Your Calculator

Unleash a range of calculators from basic to advanced, covering everything from simple arithmetic to complex financial calculations. Your calculator is your go-to tool for everyday calculations and beyond.

Application Your Calculator

Start your calculation by defining the application you need. Whether you're building a spreadsheet or solving a complex equation, our calculators provide the tools you need to get the job done.

Programmiers without Limited Confinements

With the coming trend of AI and machine learning, it's easier than ever to program code with your favorite programming language. Our calculators support Python, Java, C++, and more, making it easy to learn and apply new skills.

Advantages



Easy to use and user-friendly



Performs multiple operations in one program



Fast and accurate results



Simple and clear logic



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Compose Benefits

This feature allows you to combine your payment options into a single payment method for faster processing.

Interest Interactions

This feature allows you to track your payment methods and receive notifications when they are used.

Hedging and Deflection

This feature allows you to hedge your risk by automatically switching between different payment methods.

Fee inflation is your appert to improve your professional benefits



Fee Inflation Corrections

Discover how to correct your fees with Congicure's fee inflation correction tool. It's simple and effective.



Multitasking Options

Congicure offers multitasking features such as dual screen support, which allows you to work on multiple tasks simultaneously.



The and Inclivity of your personalizations

Discover how to personalize your experience with Congicure's personalization tools. It's easy and customizable.

Future Scope



Development of a GUI-based calculator



Addition of scientific and advanced functions



Better error handling



Mobile or web-based implementation



Thank You