

C++ Program: Calculator

Objective: Program using C++ a program where a user can operate a simple calculator with data input. The calculator will be able to add, subtract, multiple and divide.

Setup

1. Output: "Calculator Project"
2. Design a texted based options menu using a for addition, s for subtract, m for multiply, d for division and e to exit the program.

For Example:

Options Menu: Press Letter to use the function

- a) Addition
- s) Subtract
- m) Multiply
- d) Division
- e) Exit

User Input:

3. Once option is chosen ask the user how many values are in the set to be added, subtracted, multiplied, divide
 - a. Error Checking
 - i. Require the user to enter more than or equal 2 values
 - b. Have User enter Numbers
 - i. Do not allow the user to divide by 0
4. Output the Answer
5. Ask if the user would like to add a new set of values in the selected Function
 - a. If Yes, the user has been adding numbers the user would stay in the adding function)
 - b. If No, return to the Main Options Screen for Adding, Subtracting and Multiplying, Division