M1HW

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Program: Calculator

Description: The calculator program allows the user to choose a method of calculating two numbers. The user will have the option to add, subtract, divide, and multiply a set of two numbers. The user will input two numbers and the program will calculate and display the results to the user.

**Solution Explorer:**

A screenshot of a cell phone

Description automatically generated

**ConsoleUI(Program.cs):**

Lines 1-37

A screenshot of a social media post

Description automatically generated

Lines 37-58

A screenshot of a social media post

Description automatically generated

Lines 58-70

A screenshot of a social media post

Description automatically generated

**ConsoleUI(CalculateUserInput.cs)**

Lines 1-37A screenshot of a social media post

Description automatically generated

Lines 37-73

A screenshot of a social media post

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Lines 73-98

A screenshot of a social media post

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Lines 98-133

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133-157

A screenshot of a social media post

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Lines 157-190A screenshot of a social media post

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Lines 190-215

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Lines 215-250

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Description automatically generated

Lines 250-276

A screenshot of a social media post

Description automatically generated

Lines 276-293

A screenshot of a social media post

Description automatically generated

**CalculatorLibrary(StandardMessages)**

Lines 1-37

A screenshot of a map

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Lines 37-55

A screenshot of a cell phone

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Lines 55-85

A screenshot of a cell phone

Description automatically generated

**Main Program Output:**

Main Menu

A screenshot of a cell phone

Description automatically generated

Add:

A screenshot of a cell phone

Description automatically generated

User input:

A screenshot of a cell phone

Description automatically generated

Output:

A screenshot of a cell phone

Description automatically generated

Repeat Menu:

A close up of a logo

Description automatically generated

Repeat Option:

A screenshot of a cell phone

Description automatically generated

Return to Main Menu:

A close up of a logo

Description automatically generated

Subtract:

A screenshot of a computer

Description automatically generated

User input:

A screenshot of a computer

Description automatically generated

Output:

A screenshot of a computer

Description automatically generated

Repeat Menu:

A picture containing computer

Description automatically generated

Repeat Option:

A screenshot of a cell phone

Description automatically generated

Return to Main Menu:

A screenshot of a cell phone

Description automatically generated

Divide:

A screenshot of a cell phone

Description automatically generated

User input:

A screenshot of a cell phone

Description automatically generated

Output:

A screenshot of a computer

Description automatically generated

Repeat Menu:

A screenshot of a cell phone

Description automatically generated

Repeat Option:

A screenshot of a cell phone

Description automatically generated

Return to Main Menu:

A close up of a logo

Description automatically generated

Multiply:

A screenshot of a cell phone

Description automatically generated

User input:

A screenshot of a cell phone

Description automatically generated

Output:

A screenshot of a computer

Description automatically generated

Repeat Menu:

A close up of a logo

Description automatically generated

Repeat Option:

A screenshot of a cell phone

Description automatically generated

Return to Main Menu:

A close up of a logo

Description automatically generated

Error Output(Main Menu)

A close up of a screen

Description automatically generated

Error Output(Add Screen)

A screenshot of a cell phone

Description automatically generated

Error Output(Subtract Screen)

A screenshot of a cell phone

Description automatically generated

Error Output(Divide Screen)

A screenshot of a cell phone

Description automatically generated

Error Output(Multiply Screen)

A screenshot of a computer

Description automatically generated

End Program:

A screenshot of a cell phone

Description automatically generated

A close up of a logo

Description automatically generated