Assignment 1, Calculator C# Fundamentals

Your assignment is to create a basic Console-based calculator using C#. It should be able to handle basic mathematical operations (addition, subtraction, multiplication, division), and be able to present the results in a consistent way.

Required Features:

- The program should be able to perform basic mathematical operations (Math has methods for more advanced operations if you include them).
    - Addition, Subtraction, Division, Multiplication, etc…
- The program should keep running until the user chooses to end it.

Code Requirements:

- Each mathematical operation should be in its own method.
    - Division should inform the user if they try to divide by zero.
- Use a loop and a menu system to keep the program running.

Resources:

- https://www.w3schools.com/cs/cs_syntax.asp
- https://www.dotnetperls.com/
- https://youtu.be/gfkTfcpWqAY - C# tutorial - Programming with Mosh

Subjects Covered:

- Basic Program Flow
    - Selections
    - Methods
    - Iteration