Calculator Pseudocode

Basic Objectives

1. Create a ruby file called calculator.rb
2. Take user input for the left hand of the equation
3. Take user input for the operator of the equation
4. Take user input for the right hand of the equation
5. Calculate the correct answer and output it to the user
6. Handle cases: Addition, Subtraction, Division, and Multiplication

Bonus Objectives

1. Refactor to only take user input once
    a. eg. What is the equation?
        i. user input: 1 + 1
        ii. hint: you'll need to split the user input to get the values out
2. Organize your code to use methods
3. Handle more equations: PEMDAS, sin, cosin, square root, ect…
4. Have the calculator ask for new equations over and over
    a. hint: use a loop
5. Have the calculator store the last result so you can do a new equation and add to the previous result
    a. Have a clear function so you don't keep adding to the last result if you don't want to
6. Store a history of the users equations and answers
    a. hint: use hashes - you don't really know this yet.
        i. https://rubymonk.com/learning/books/1-ruby-primer/chapters/10-hashes-in-ruby/lessons/46-introduction-to-ruby-hashes