Extra Credit
Calculator

Objective:

Create a scientific calculator. It should behave like any other scientific calculator where the user presses keys and stuff happens. This must have a graphical user interface (GUI), and include the following features:

- Current total display
- Number pad
- Arithmetic functions
  - Addition
  - Subtraction
  - Multiplication
  - Division
  - You may disregard order of operations
- Trigonometric functions
  - Sine
  - Cosine
  - Tangent
  - Arcsine
  - Arccosine
  - Arctangent
- Additional mathematic functions
  - Exponent
  - Square root
  - Logarithm
- Additional functions
  - Clear – Zeroes out the current total
  - Equals – Gives the running total

Furthermore every time a user enters a number first it should set the running total to said number. If an operation is entered then that operation is applied to the current total. If it is a binary operation like addition, subtraction, multiplication, division, and exponent then the following number will be the second number in that function, and applied as soon as the user presses equals.