1. START
2. ENTER Two Numbers (x and y)
3. STORE Two Numbers
4. ENTER Chosen Operation
   1. Choices: 1 – Addition, 2 – Subtraction, 3 – Multiplication, 4 – Division
5. STORE Selected Operation
6. PERFORM Operation
   1. IF Operation is Addition, Calculate Addition (x+y)
   2. IF Operation is Subtraction, Calculate Subtraction (x-y)
   3. **I**F Operation is Multiplication
      1. IF x is equal to zero or y is equal to zero, display output “Answer is Zero”
      2. Otherwise, Calculate Multiplication (x\*y)
   4. IF Operation is Division
      1. IF Numerator is zero, display output as “Answer is Zero”
      2. IF Denominator is zero, display output as “Undefined”
      3. Otherwise, Calculate Division (x/y)
7. IF Selected Operation is not between 1-4, display output “Incorrect Option”
8. CHOOSE if calculator will run again
9. END