A diagram of a algorithm

Description automatically generated with medium confidence

# Basic Flow

## User Enters an Equation

The user types an equation into the system’s textual interface.

## User Submits Their Equation

The user presses Enter to submit their equation.

## System Evaluates the Equation

The system parses the user’s equation and follows the order of precedence to evaluate each operator and parentheses in it.

## System Displays the Result

The system displays the numeric value of the equation to the user.

## Use Case Ends

# Alternate Flows

## User Does Not Enter an Equation