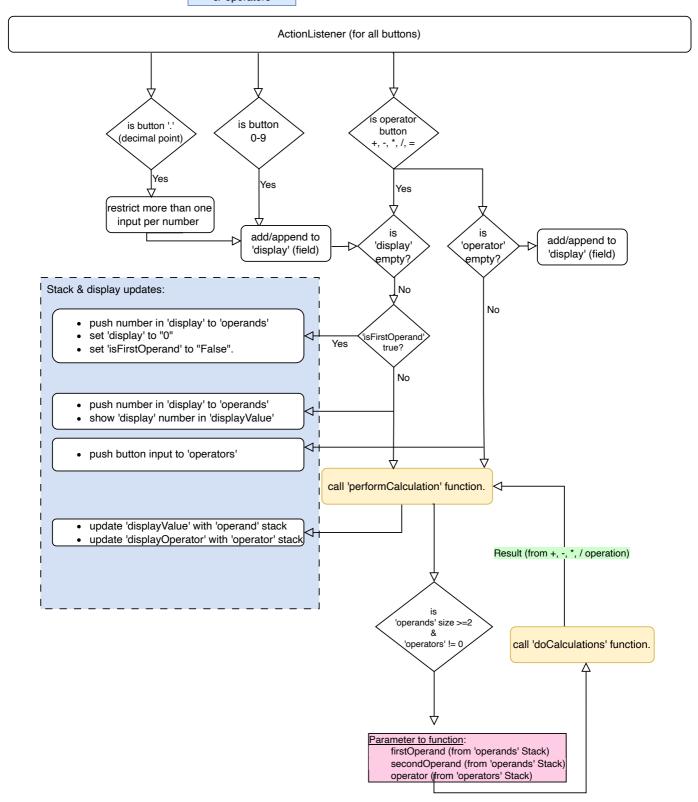
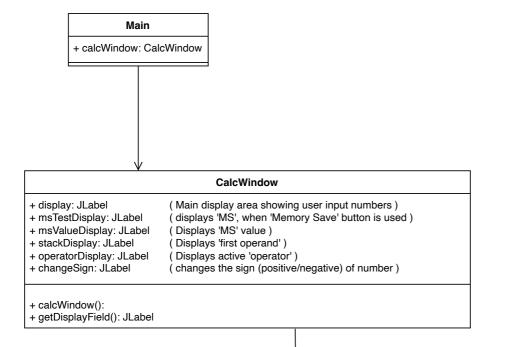


Stack initialize: 'operands' & 'operators'





## CalcEngine + allListener: ActionListener ( ActionListener for all buttons in the GUI window ) - operands: Stack<Double> ( Stack to to manage numbers used for calculations ) - operators: Stack<String> (Stack to to manage operators used for calculations) - isFirstOperand: boolean (flag, to check for first operand) - clearDisplay: boolean (flag, to clear main display, before next operand is entered) - memoryPlus: String ( used when 'MS' feature is activated by user ) + calcEngine(calcWindow): + getAllListener(): ActionListener - performCalculation() (feeds parameters to 'doCalculations' function) doCalculations(String, Double, Double): double (does calculations)