

Question 1: Write a program that uses all JOptionPane showInputDialog, showConfirmDialog, showOptionDialog and showMessageDialog functions for four mathematical operations. Ensure code security by using a try-catch block in case the second number is entered as 0 in the division operation

It is in the OperationSwing.java

Question 2: Make the design below and create the code to perform four mathematical operations through this interface. (You must design the interface from the form panel, not with code!)

Ensure code security to prevent division by zero error

It is in the GuiFormInterface.java

The image shows a Java Swing window titled "An Example of Basic GUI Components". Inside the window, there is a simple calculator interface. It consists of two input fields for numbers. The first input field is labeled "Number 1:" and contains the value "3". The second input field is labeled "Number 2:" and contains the value "5". Between the two input fields is a small button with a "+" sign. Below the second input field is another input field containing the result "8" in red text. At the bottom of the interface is a button labeled "CALCULATE".