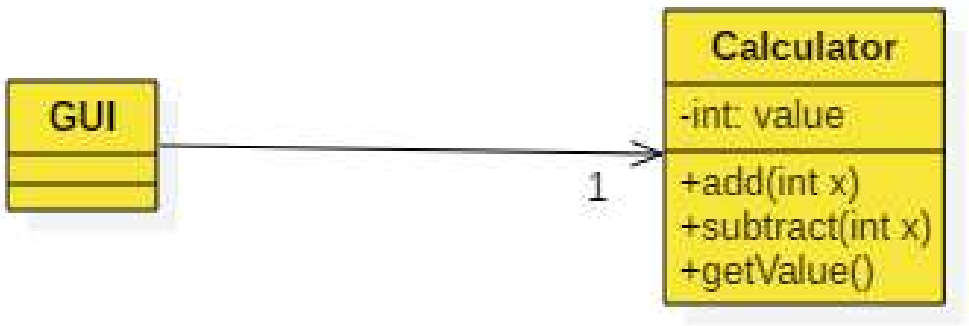
Suppose we have the following simple calculator application:



When we start the application, a new Calculator is created with value=0. Then we can perform the add and subtract operations on the calculator. The GUI will show the current value of the Calculator. Now we get 2 new requirements:

1. We need to support undo/redo functionality for the calculator
2. For every add() or subtract() action, we first need to retrieve the calculator value from the database, then do the add or subtract action on the calculator, and finally store the calculator value in the database. This way the database always has the latest value of the calculator.

It is your task to modify the design so that it supports the 2 new requirements.

Draw the sequence diagram of the following scenario:

1. We start the calculator application
2. The user adds the value 4 to the calculator
3. The user subtracts the value 2 from the calculator
4. The user performs the undo action
5. The user performs the undo action again