25. LVOOPS Advanced

MANDATORY:

1. Create a simple arithmetic calculator. Provide the list of arithmetic operations (like addition, subtraction, etc.) to the user in a dropdown box.

   - If the user selects an operation and presses the "ADD" button, then the particular operation should be added as an instance in a Tree. For example, if user select 'addition' and press the ADD button then "addition_0" tag should be displayed.
   - If he adds one more then another tag "addition_1" should be displayed in tree.
   - If the user presses the "DELETE" button, then the particular selected instance should be deleted from tree.
   - When the user selects a particular instance in tree say addition_0, then the user should be able to see a VI inserted in subpanel containing controls for providing inputs, a button to get the result, and an indicator to view it.
   - Now if the user gives some input and gets the output, for that instance the data should be maintained. Meaning if user selects another instance in tree and again goes back to the old instance it should display the data which was obtained recently.
   - There should be a button for save and load. Clicking save button should save all the instances data and load button should load all the last saved data. Same can be done during launch of the UI (if previous data is available)

   Note: The VI's that are loaded in the subpanel are class specific methods.