

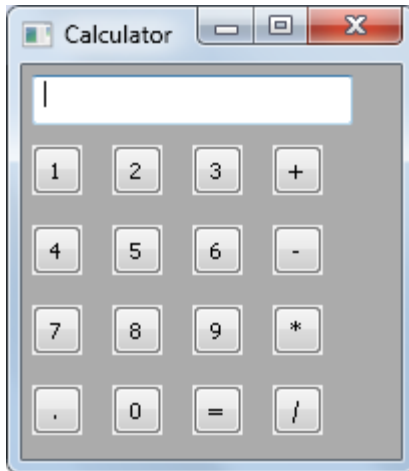
**Instructions:**

Submission date: Nov 24<sup>th</sup> 11.00 pm.

Save the programs into a folder **firstname\_lastnameHW5** and zip the folder.

Email the assignment to [ashakiran.byrappa@wmich.edu](mailto:ashakiran.byrappa@wmich.edu) with subject **CS2100: HW5**

- 1) Write a program to build a calculator GUI as shown below with numbers from 0 to 9 which performs four operations(add, sub, mul, div). Use wxPython Toolkit



- a) The operations are performed as “2 + 4 = 8”, when 2 is clicked, display 2 in the textbox.  
When + is clicked, you can either display + OR have the previous value. Click on 4, display 4 in the textbox. On click of “=” display the result 8.
- b) The numbers entered can be integers or floats, example 23+4=27, 2.3+4.5=8.8
- c) If a number is divided by zero catch the exception and display appropriate message in the textbox.