Today in class we talked about programming GUIs in Matlab.

For this assignment, I’d like you to adapt the code from class or the code from the Attaway text to demonstrate your ability to create your own GUI in Matlab.

You can use the code I shared in class as a guide, but I want you to please create a GUI that is different from either of the ones I showed you in class.

I don’t care what your GUI does or how it is organized, but it should include the following:

- It should write text somewhere to the GUI.
- It should include at least one edit box where the user can type in text, one slider to select a numeric value, and one pushbutton. All of these were used in the example code we went over in class.
- It should do something with the values that the user enters into your GUI. You could print them to the command window, write them to a file, display them in the GUI, or use the value to do something interesting. Just show me that you can access the data entered into the GUI and use it for something.
- At least one of your GUI elements should demonstrate the use of a callback function (a function that is called whenever that GUI element is accessed).

Unexcused late assignments will be penalized 10% for every 24 hours late, starting from the time class ends, for a maximum of two days, after which they will earn a 0.