**Read Me Final Project**

How to Run Titration Program

Once the program is downloaded into your MATLAB, there are a couple of things you can do with the GUI. Firstly, there are text boxes that are labeled for the required values of a titration. If you wish to graph for pH over volume of base, Base molarity, acid molarity, and acid volume should be constant numbers. Plugging in a single value for base volume will graph the Base Volume at the x-axis, and the pH value on the y-axis. You can also graph for pOH. Doing this keeps Ma, Mb, and Vb constant, where volume of acid is entered, and pOH is calculated, and both ate graphed. In order to plot in either case, you must click the “plot pOH” or “plot pH” buttons to plot. You can continuously graph, with previous values being saved to the graph as you enter new ones.