For homework 1 we are going to build upon what has been covered in class. You will have to design a VI that will generate a set of 50 random numbers ranging between 0 and 100 every 2 seconds. Then your VI should plot the largest of those 50 numbers on the chart. Essentially the chart on the front panel will get one number roughly every 2 seconds. You will also have to plot the group of those 50 numbers on a graph on the front panel. The VI will also display the largest value in a ‘digital display’ on the front panel if this largest value is above 90 or below 10.

It shouldn’t be very hard. You might find the VI very handy. This is called Array Max & Min and can be found under the ‘Array’ group on the functions palette.

Remember there can be more than one correct solution to this problem.

Best of Luck

50 points