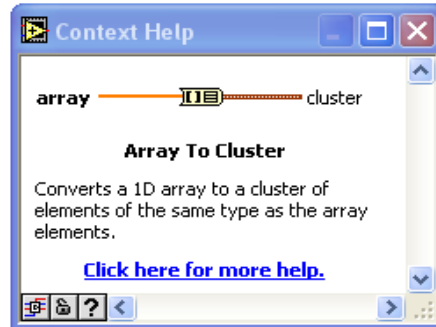


In-Class Exercise: Array to Cluster Display

Create a VI which generates a 5 x 2000 array of random numbers. Take the arithmetic mean (the average) of each row (a total of 2000 elements each), and display the results with a cluster of indicators as shown below. Also display the original array on the front panel. Note that the Array to Cluster function will need to be used:



Also note that, statistically speaking, if the random number generation built into LabVIEW is truly random, then a large set of the numbers should always be “centered” at 0.5.

