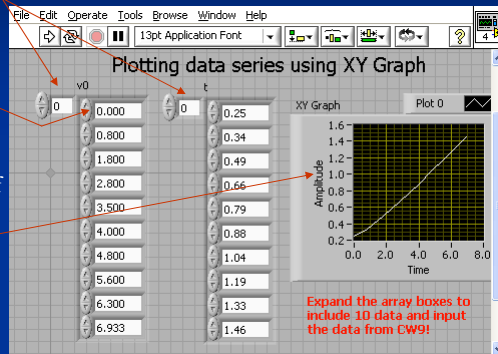


What is an Array for? How to insert an Array of Numeric Controls?
What is an XY graph for? What are its inputs? Is order of connection important?

Arrays:

All Controls/Array & Cluster/Array;
Insert one Numeric Ctrl inside Array,
Then you can vertically resize the Array
box for it to show ten Numeric Ctrl's
automatically. Enter the values carefully
not to exceed the number of data points
you have (10 in this case), and note the
Num. Ctrl's in v0 should have its Digits of
Precision set to 3.

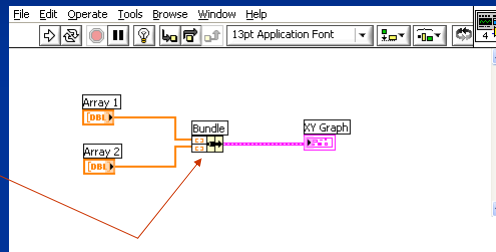
XY Graph (under Graph Inds). This
graph requires as inputs two series
in this order: t_i to be plotted along the
horizontal axis and $f(t_i)$ to be plotted
along the vertical axis



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Bundle (under Cluster)

Note the array with the series
along the horizontal axis is
connected to the upper terminal
of Bundle; and the array for the
series along the vertical axis
is connected to the lower terminal
of Bundle.



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Suggested items to write in the Engin 103 logbook:

1) What is a XY graph? What are the inputs it requires? Can we feed more than one input directly into the XY graph? What input needs to be wired to what box of the Bundle?

2) What is the difference between an array and a number? How do you set up a numeric array? What happens to the graph if you enter some zeros beyond the length of your numeric series into your numeric array?