Step 1: Using Robolab's Inventer 4 interface, generate the following block diagram.
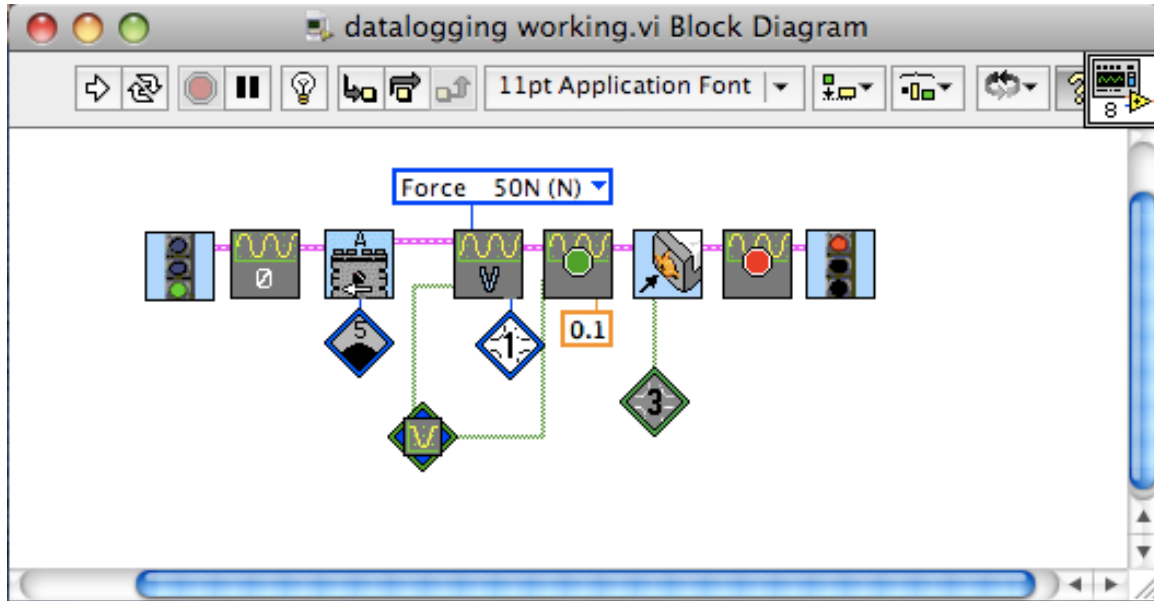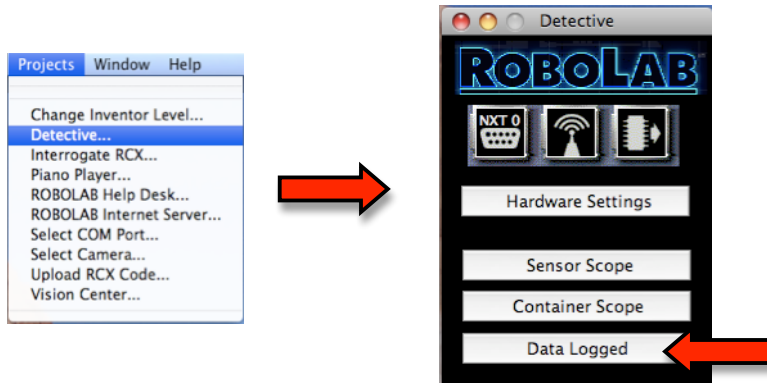

**Note:** The Vernier Datalogging Blocks can be found using the following path:

Step 2: Ready your robot and Run the program program. When the material fails or you want to stop the data logging, press the touch sensor attached to port 3

Step 3: Upload your data from the Detective Interface by choosing the "Data Logged" option.

Step 4: You data should upload automatically. You should see the data points
plotted as Force VS. Time.
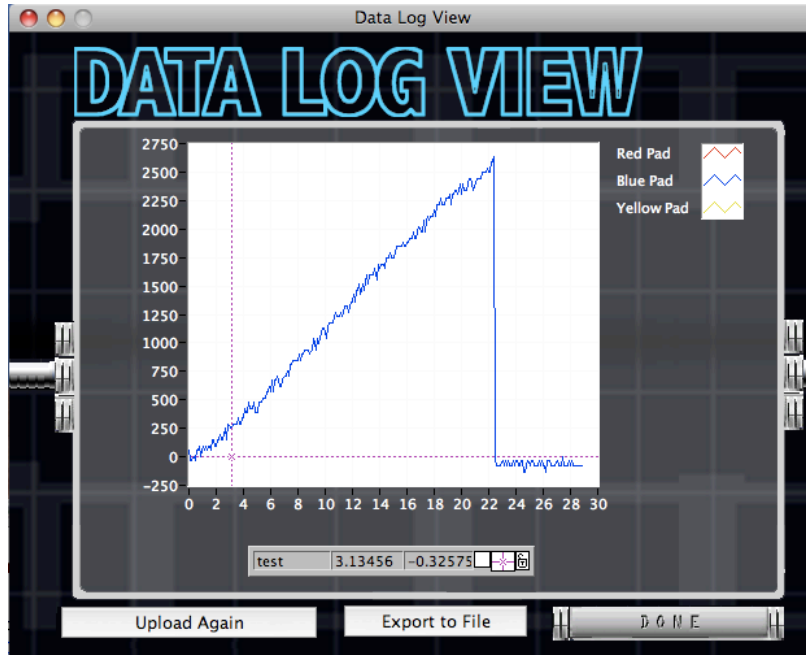
Note: It is very easy to surpase the range of the force sensor, if your data has
a flat maximum, such as the data shown below, try using a smaller
sample or one that will fail more easily