**Technology Notes: Correlation on the TI83/84 Graphing Calculator**

Enter the data, with explanatory variable in list 1 and the response variable in list 2.

 

To find correlation you must first make sure the diagonostic function on your calculator is turned on.  Press the **[2nd]** key followed by the **[0] (zero)**key to bring up the catalog menu.  Scroll down until you find **DiagnosticOn.** Press the **[Enter]** key.  Your calculator should now be ready to display correlation, and you should not need to go through the diagnostic on step again.

Now press **[STAT]** and move over to the **[CALC]** heading, and then down to option 4:**[LinReg(ax+b)]**.  See figure below.



 Press **[ENTER]** on option 4 and you should see the screen below.



There you can see correlation is about  =0.95.