Review last class:

Journal Entry #6 Rosenhan's study https://www.youtube.com/watch?v=D8OxdGV_7lo

- 1. Describe the behavior observed during your naturalistic observations of high school students made last class.
- 2. Using criteria for a theory from the text write out a theory that explains why this behavior is occurring.
- 3. Using criteria for a hypothesis from the text book write out a hypothesis to test out your theory. Submit for marking.

Lesson 7

Class discussion: Valantines Day (future or past) What is water? What is love? Where is it held? How do we measure the intangible?

Correlation and Scatter plot assignment: Step 1 -Pick two variables that are measurable and able to be plotted (can be expressed in a graduated format and numerically represented) Step 2 -Collect your data Step 3 –Create a Scatterplot using http://www.alcula.com/calculators/statistics/scatterplot/

Once you have created a scatterplot (over)

1. Print off the Scatter plot showing the line of regression

2. Label what variables the X and Y axis of the scatter plot represent.

3. Record the correlation coefficient on the print out and describe how much confidence you can have in making predictions given the variable's correlation coefficient.

4. Make an intelligent prediction based on your findings and write it out on the bottom of your scatter plot print out.