Assignment Instructions Lab 1 (30 pts.)

1. Prepare your assignment as a single word document
2. Make sure the name of all group members is on the word document. For this assignment you will turn in a single document for all members of a given group.
3. Your word document will consist of two parts:
   a. PART A: ASKING QUESTIONS. In this section you will include responses to parts of the handout pertaining to the asking questions activity. Parts are outlined below and follow the parts in the handout completed in lab.
      i. Select five observations from the observations discussed in your group.
      ii. Transform those observations into questions
      iii. Transform one or two of your questions into hypotheses
      iv. Choose one of the hypotheses. Write the hypothesis and prediction and outline a brief description of a potential experimental design to test your hypothesis.
   b. PART B: EXCEL ASSIGNMENT: For each of the research questions included in the lab handout include:
      i. The title of the research (this step is to associate the analyses with the appropriate research idea)
      ii. State the overall hypothesis and prediction
      iii. Use the data provided and Excel to test the prediction with an appropriate statistical analysis and create a figure in excel that displays the results.
      iv. Briefly summarize the findings.