**LHS 610 Lab Assignment 1**

Using the NHANES data frame from the NHANES package, answer the following questions. Each question should be answered using code rather than looking at RStudio’s user interface. In addition to your code, please provide an answer to the question if it is not readily apparent from your code’s output. You will submit your answers in an R Notebook. **Submit only the .nb.html file.**  
  
1. How many rows and columns are in the dataset?  
  
2. What is the distribution (6-number summary) for the systolic blood pressure (first reading only)?  
  
3. Directly calculate the mean and median systolic blood pressure (SBP) using the mean() and median() functions.

* If you get a result that you didn’t expect, take a look at the documentation

4. What is the 10th and 90th percentile for systolic blood pressure?

* You can look online to find a function that will help you get this information

5. What is the second highest systolic blood pressure? How many people have this SBP?  
  
6. What is the breakdown for education level for people in this dataset? How many people are in each type of group?