**Statistics for the Social Sciences**

**Assignment 3.3**

1. Create a spreadsheet.  
  
2. Create a heading "grades" in column B. Add the following data to that column:   
  
100  
97  
92  
88  
88  
87  
80  
77  
59  
55  
  
3. Use the AVERAGE, MEDIAN, and MODE functions to produce those statistics for the column of data.  
  
4. Skip over to column E and create a "Quartile" heading, and then put a "Score" heading in column F.  
  
5. Fill the Quartile column with the numbers 1,2,3 and 4.  
  
6. In the Score column, use the QUARTILE function to compute a score for each quartile.   
  
7. Create labels for each of the following measures of variability in Column E:   
  
Range:  
IQR:  
SD:  
Variance:  
8. Use the SDEV function to compute the SD, then compute the remaining measures using the definitional math functions from the readings.  
  
9. Put your name below your table.  
  
10. Name your file YourLastName\_YourFirstName\_Assignment\_3.3

Your table should look like this:

