**K&F Ch. 15 Practice
 Bivariate Correlation & Regression**

**Enter the data set in K & F's Chapter 15: Simple Regression.**

**a)      Run Analyze, Regression, Linear. Be sure to request Descriptives.**Is the correlation significant? If so, explain the relationship.

**b)      Create a scatterplot with Graphs, Legacy Dialogs, and Scatter/Dot. Then fit the regression line to total. Paste the scatterplot into your assignment please.**

**c)   In the corner of the scatterplot is displayed R2 Linear = 0.739.  What does this mean?  Please be specific.**

**d)      Write out the regression equation.**

**e)  With the above regression equation, what will be the average distance between predicted GPAs and actual GPAs.**

**f)      Use the regression equation to predict GPA when Reading Time = 13 hours.**