Use the dataset workingdata.sav from eCollege to run the following analyses in SPSS.

1. Generate frequency distributions and bar charts for all categorical variables in the dataset. (5 points)
2. Generate descriptive statistics and histograms for all continuous variables in the dataset. Request mean, median, mode, number of cases, standard deviation, variance, and measures of skewness and kurtosis. (5 points)
3. Run a one sample $t$ test to see if mean pretest score differs from 50. Use the entire sample. (5 points)
4. Run an independent samples $t$ test to see if there is a significant difference in mean posttest score between males and females. (5 points)
5. Run a repeated measures (paired samples) $t$ test to see if there is significant difference between pretest and posttest mean scores. Use the entire sample. (5 points)
6. Run one way ANOVA on pretest score with Treatment as the factor. Is there any significant difference in mean pretest score among the three groups? (5 points)