ANOVA is used to compare 3 or more groups. For each question, please divide your independent variable into 3 groups. I expect a statement regarding which variables you used to as the dependent and independent variables to answer the question, a description of how you divided your groups, the means of the groups, the F statistic, and the significance. You also need to interpret these results. (DO not forget to ask for descriptives so you will know the means and for post hoc results so you can determine the differences between the groups).

Your groups should be based on Health Consciousness, Self-Efficacy, Perceived Nutrition Knowledge, Calorie Reduction, and Preventive Health Behaviors.

1. Which group(s) chooses healthy items when eating out?
2. Which group(s) use nutrition information on the menu?
3. Which group(s) eats healthy when eating at home?
4. Which group(s) use nutrition information when buying groceries?
5. Which group(s) prefers tasty food over nutritious food when eating out?
6. Which goup(s) prefers tasty food over nutritious food when eating at home?

Homework responses should be submitted as follows:

1.

DV:

IV:

Groups were divided by (explain process)

Means: Group X =, Group Y =, Etc….

F Statistic =

Significance=

Findings (this is your interpretation of the reults, including the information from the post hoc results)

2.

DV:

IV:

Groups were divided by (explain process)

Means: Group X =, Group Y =, Etc…

F Statistic =

Significance =

Findings (this is your interpretation of the results, including the information from the post hoc results

The procedure should be repeated for each question. The more difficult you make it for me to find the information (i.e., using paragraphs), the more likely it will be missed and your grade will be lower as a result. In reporting results, get to the point, state it clearly, and move on. Your only “paragraph” should be your findings, explaining the interpretation of the data.