Homework #2

Please refer to lecture 2 tutorials and its geodatabase to answer the following questions.

1. What are the coordinate systems in each of the datasets and the feature classes which are not in a dataset?

Alachua Dataset:

Florida Dataset:

USA Dataset:

World Dataset:

Alachua\_Blockgroup feature class:

Hospital\_wrongprj feature class:

1. What was wrong of the coordinate system information in the data layer “hospital\_wrongprj”?
2. You have a choice between “Geographic Coordinate System” and “Projected Coordinate System” for “Hosptial\_wrongprj” layer, which one should be chosen and why?
3. What is the X, Y Coordinate of the hospital in UTM 17N coordinate system?
4. Make a screen shot to show the correct locations of hospitals in Alachua County.
5. Make a screen shot for the Robinson Projection
6. Make a screen shot for another different projection of your choice;
7. Make a screen shot of yourlastname projection.