1. Write code that will create a representation of a graph. You can decide how the data is encoded, but be sure to comment on how vertices and edges are stored.
2. Use this code to write functions to
   (a) Determine if there is an Eulerian Path
   (b) Determine if there is an Eulerian Cycle
   (c) Determine if the graph is a complete graph
3. Describe how you might write a function to determine if a graph is planar, using one of the functions created in part 2. You do not need to write code, but you can write psuedocode.
4. What is the number of edges in K_n?
5. What is a real life situation, problem, or event that could be well described by a graph? Explain what the vertices and edges would be in a graph representation of your scenario.
6. What are you doing to prepare for the final exam?