

## **MAT 2540 - Writing Assignment 2**

For each of the items below, write a paragraph addressing each question.

- (a) Create a graph (directed or undirected) with at least 5 vertices that describes some aspect of your life (travel, social network, etc.) Is there something interesting about your graph that you had not thought of before?
  
  
  
  
  
  
  
  
  
  
- (b) The Oracle of Bacon (<https://oracleofbacon.org/>) is a website that finds the distance between two actors in a large graph. Two actors are connected in the graph if they have appeared in the same movie. Can this graph be a multigraph? What would that mean? If so, try to give an example.