- 1. Which implementation is better and by how much?
 - Union find should be better. With path compression and my understanding of the algorithm, the time should be on the order of #years appering in the data set while bfs would be O(V + E)*#years (by the slides).
- 2. When does the unionfind data structure significantly outperform BFS (if at all)?
 - On large graphs.
- 3. What arguments can you provide to support your observations?
 - The orders from part one support part two. 1. Which implementation is better and by how much?
- 4. When does the unionfind data structure significantly outperform BFS (if at all)?
- 5. What arguments can you provide to support your observations?