Part A

Develop software to perform a DFS starting at Dallas (always choose the edge with the smallest mileage). Identify the discovery edges, forward, back edges, and cross edges. What is the total distance travelled?

Part B

Develop software to perform a BFS starting at Dallas (always choose the edge with the smallest mileage). Identify the discovery edges, forward, back edges, and cross edges. What is the total distance travelled?

Part C

Is the graph strongly connected? Why?



Due November 14th