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The purpose of this academic mini paper is to demonstrate knowledge in implementing a graph with vertices and weights for a traveling salesman approach and solving the traveling salesman approach using dynamic programming. The first step was to implement the traveling salesman problem function, this function will return the minimum path weight. Following the TSP function is the main driver code, within this the graph is created and run through the TSP function and returning the output. I started this project in C# and ran into a couple problems developing the graph, I turned to C++ since it was made a lot easier.

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