Problem Statement: Optimal Parcel Delivery Route

Description: A courier company needs to find the optimal route to deliver packages to different destinations in a city. The city is represented by a set of intersections and streets connecting these intersections. Each intersection is a node in a network, and the streets are the edges connecting the nodes. Each edge has a weight representing the distance between intersections.

The objective is to find the shortest route to deliver all the packages, minimizing the total distance traveled by the courier. The courier can start at any intersection and must pass through all intersections exactly once before returning to the starting point.

Formulate the problem using graphs and describe the algorithm you would use to find the optimal parcel delivery route.