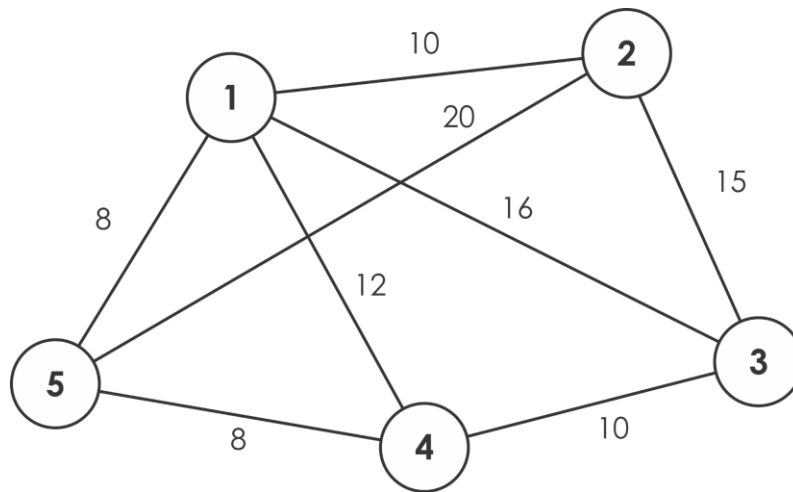


You will be asked to solve the Traveling Salesman Problem (TSP) based on Brute Force on a small graph.

**Task 1:** Develop a Graph Data Structure using the Adjacency Matrix representation and represent the following graph.



**Task 2:** Develop a solution to the TSP problem using full enumeration of possible solutions. Your program should print the TSP solution starting from vertex 1.