

Problem 2a

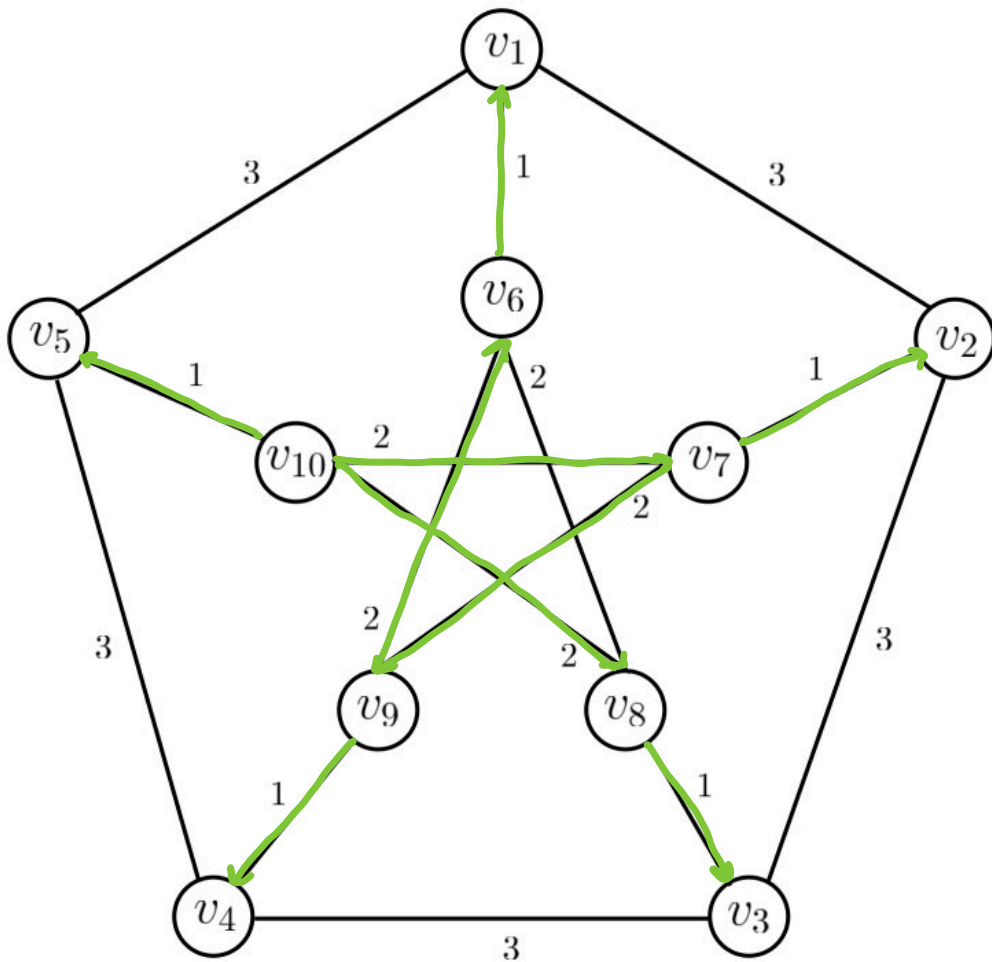


Figure 1: Petersen Graph

Problem 3b

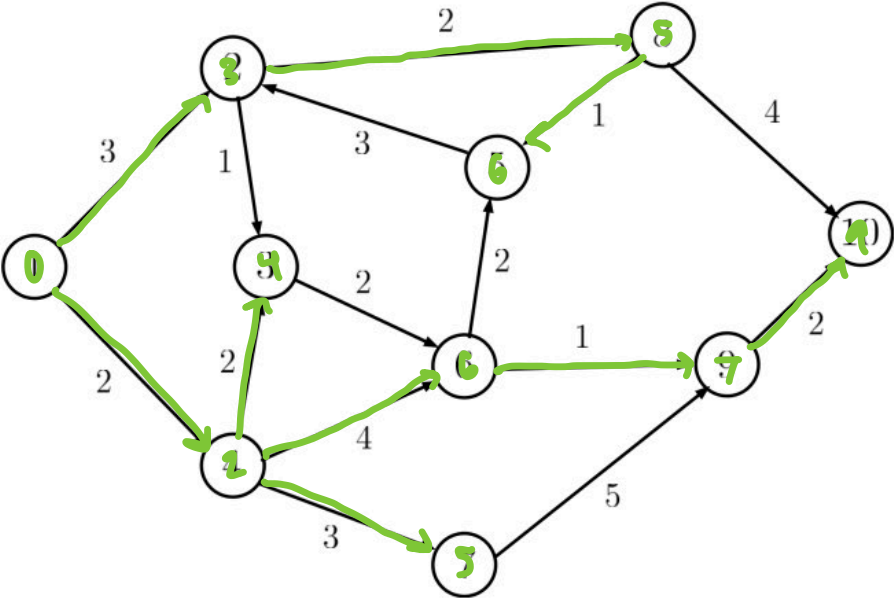


Figure 2: Graph for Problem 3 (Dijkstra’s shortest path algorithm)