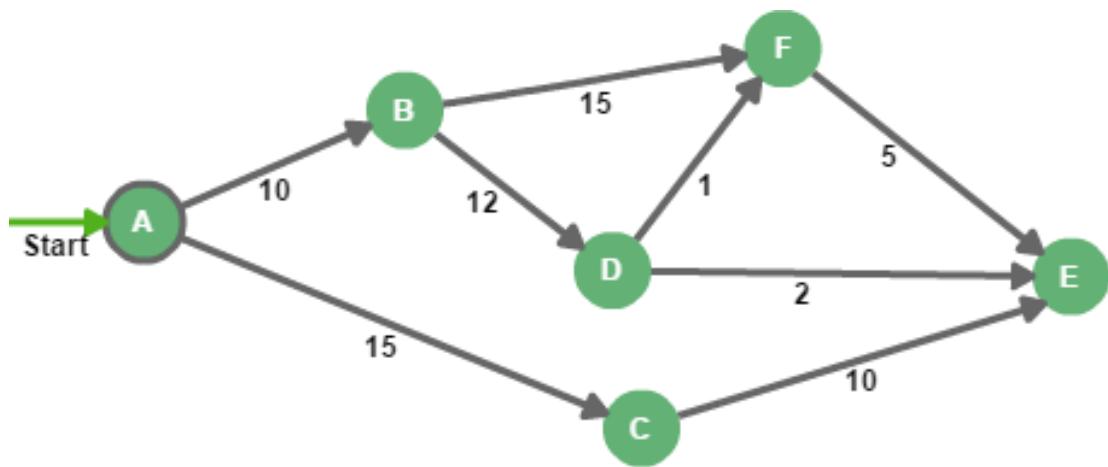
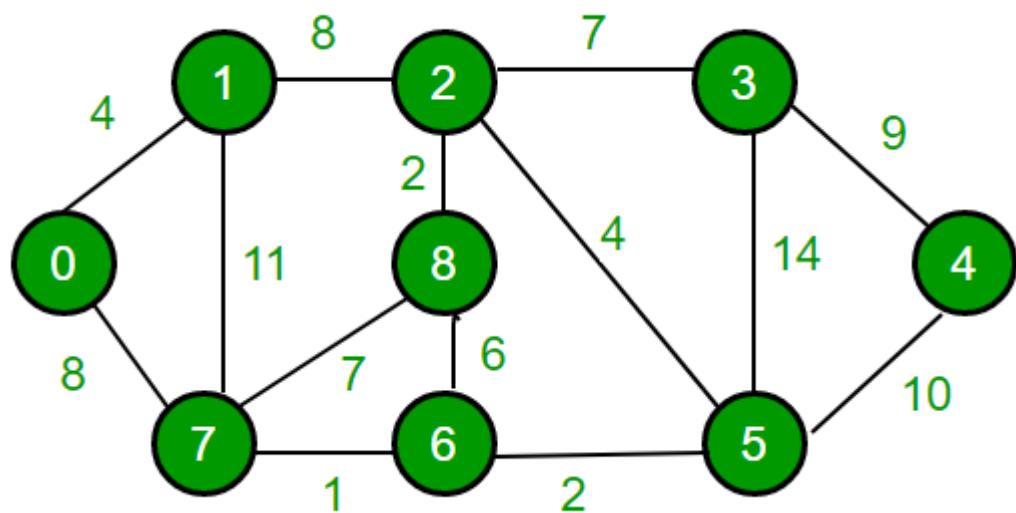


Module - 13.5: Problems

1. Write code to solve Dijkstra's problem with $O(n^2)$ time complexity
2. Simulate Dijkstra's algorithm on the following graph:
Output the distance of all nodes from **node A**



3. Simulate Dijkstra's algorithm on the following graph:
Output the distance of all nodes from **node 4**



4. Write code to solve <https://cses.fi/problemset/task/1672> with Dijkstra's algorithm.
What is the time and complexity of your code?