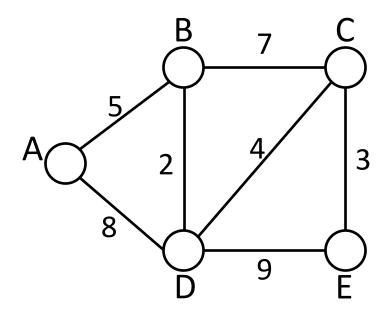


Graph

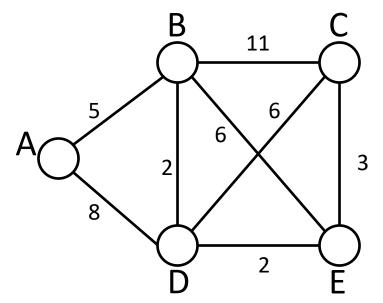
The original slides were created by Dr. Jianfeng Ren Edited by Heshan Du

Find the shortest distance using Dijkstra's algorithm for the following graph, starting from A.

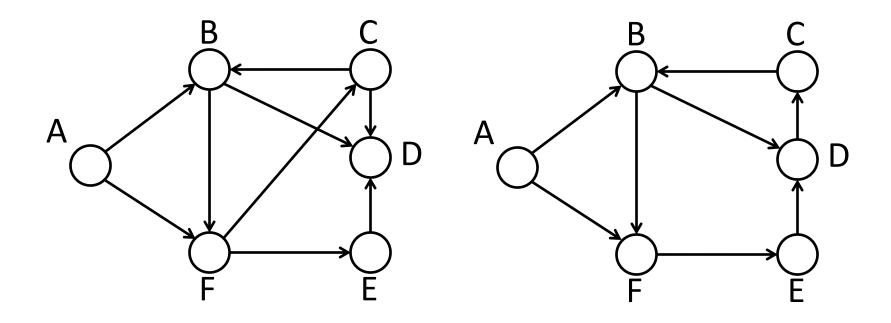


Find the shortest distances and the shortest path for the following graph.

0. (A,0,{}), (B,inf,{}), (C,inf,{}), (D,inf,{}),
(E,inf,{}), PQ = {A,B,C,D,E}.



Use topological sort to detect cycle



Find the minimum spanning tree

