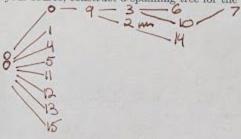


c. Using 8 as your source, construct a spanning tree for the given graph using a depth-first process. 9-9-3-6



Problem 3. (Bonus) Implement a breadth and/or depth first search to determine all of the vertices/nodes that can be reached starting at 0 (or general i). Return a list of visited vertices as well as a data structure to that encodes the resulting tree.