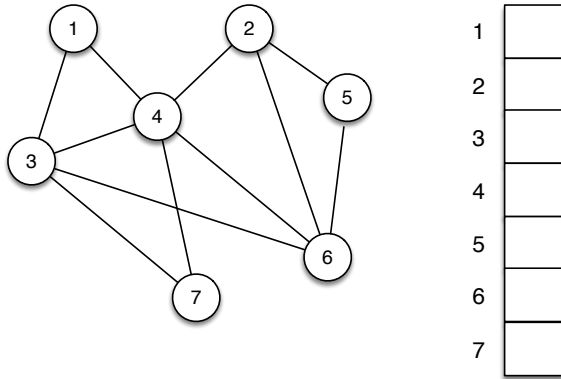
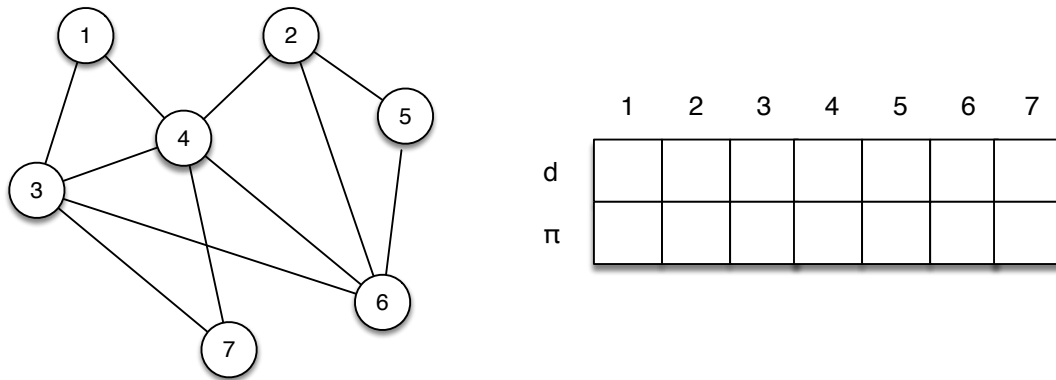


For the following graph,

(a) Give an *adjacency list* representation for the graph. Order the lists by increasing vertex indices.



(b) Perform a BFS using vertex 1 as the source completing the table.



(c) Draw the final breadth first tree.

