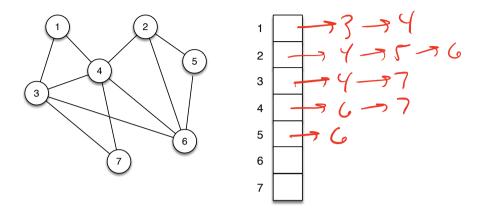
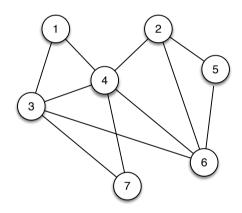
## For the following graph,

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

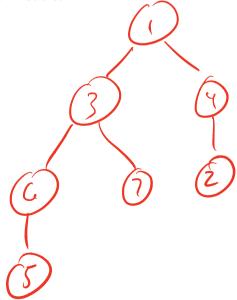


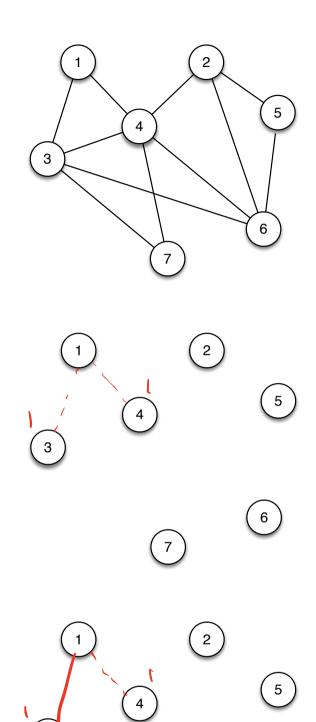
(b) Perform a BFS using vertex 1 as the source completing the table.



	1	2	3	4	5	6	7
d	0	2	1	-	3	2	Z
π		4			6	3	3

(c) Draw the final breadth first tree.





{3,43

24,6,73

