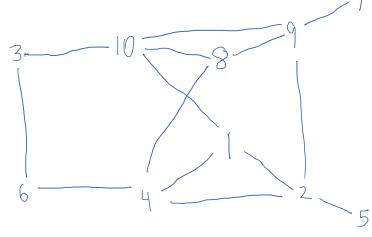
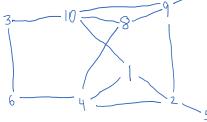
ex; u	is adjacent	10
	2,4,10	
3	1,4,5,9	
4	1,2,6,8	
5	2 3 , 4	
7	9	
9	4,9,10 2,7,8,10 1,3,8,9	

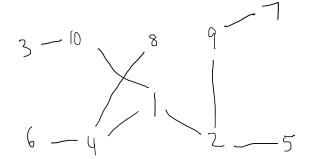
Given the Adjacency 1:5+1 draw the graph



ex: Breadth-First Search (BFS) starting at node 1 (stick with given list, order)



Breadth-First Tree:



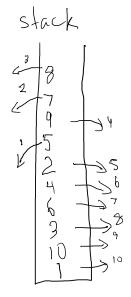
· / ·	
visit	enquene and add tree edges to
]	2,4,10
2	5,9
4	6,8
10	3
5	
9	
	/
6	
7	
3	
7	

ex: What if we change the adjacency list [10,2,47,BFS 9+1. 10 Visit enqueue and add tree edge to is adjacent to 10,2,4 ١ 2 3 4 1,2,6,8 Breadth-First Tree! **~** 8 Therefore, changing order in an adjacency list

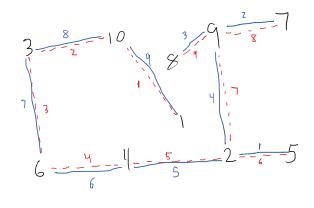
Therefore, changing order in an adjacency list affects the order of visits and the breadth-first tree.

exi Depth-First Search (DFS) starting at node 1

Ų	is adjacent to
1	10,2,4
2	1,4,5,9
3	6,10
4	1,2,6,8
5	2
	2 3 , 4
7 8	4,9,10
9	2,7,8,9
10	, 19/5/1



Septh-first tree



order edge was added order edge was taken