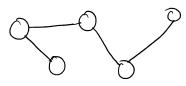
05 March 2025 08:26

Corrections between nodes.

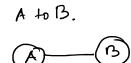
Connections between nodes.



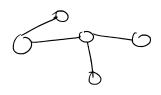
1) Directed Graph



1 Undirected Graph



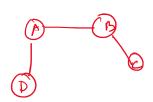
Graph Pravered -- Visit every node.



BFS (Brendth first Search)

DFS (Depth First Search).

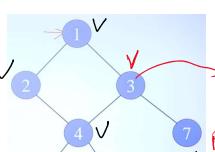
BFS-Node -> Adjacent Nodes.



A -> adjacent nodes

Bfs - guene Deta Structure.

BFS example.

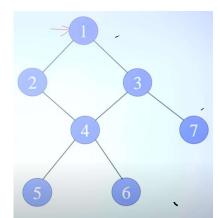


Smut from Node 3

37 142 56.

Representation of Graph
N=no. of nodes in the graph.

O Adjacency Matrix - Size 2 n2 = 7x7 = 49. 5 6 7.



	 	4	<u> </u>	0 1	0	0	0
ِ ا	1]	-	1	0	0	0
2	1	0	0	1	0	Ø	
3	1	+	-	1	1,	1	0
4	5	11	12	10	+	┝╧╴	01
5	0	0	0	11	0	0	
ا م		12	0	LT	0	0	0
7	0	10	1		0	0	0
(]	-	+-					

0/1 -> Value possible.

Adjacency list - List of List.

