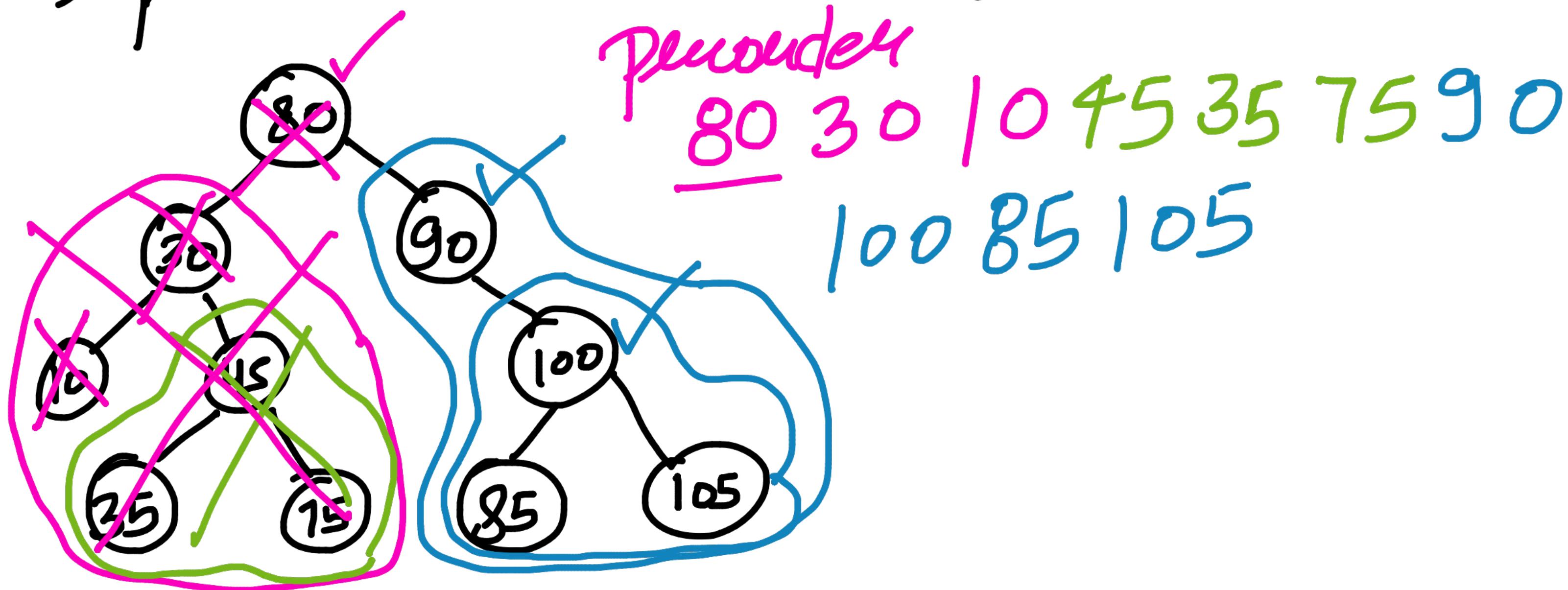


DFS traversal

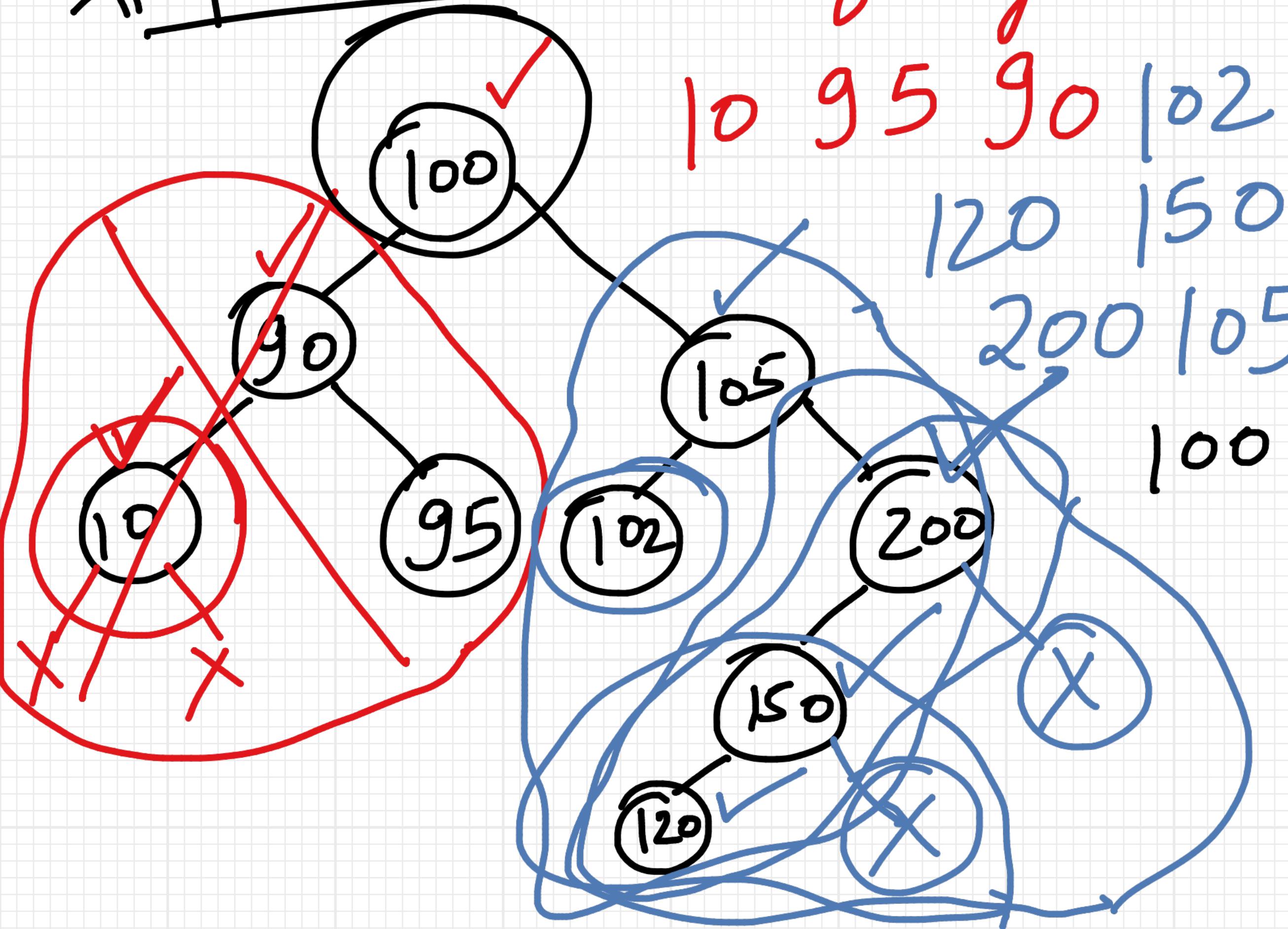
→ preorder

→ postorder

root left right
left right root



Post order



left-right-trav

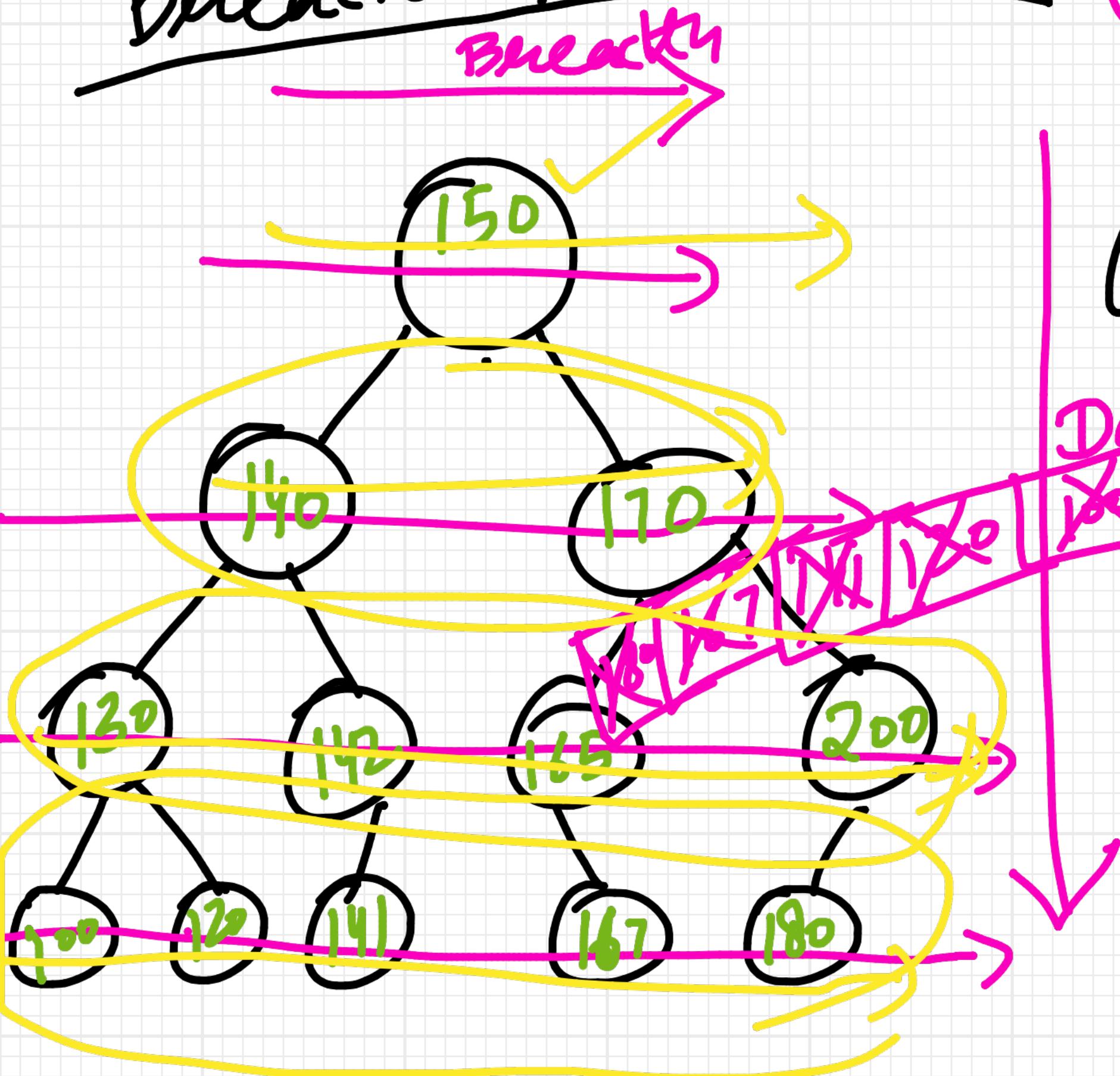
10 95 90 102

120 150

200 105

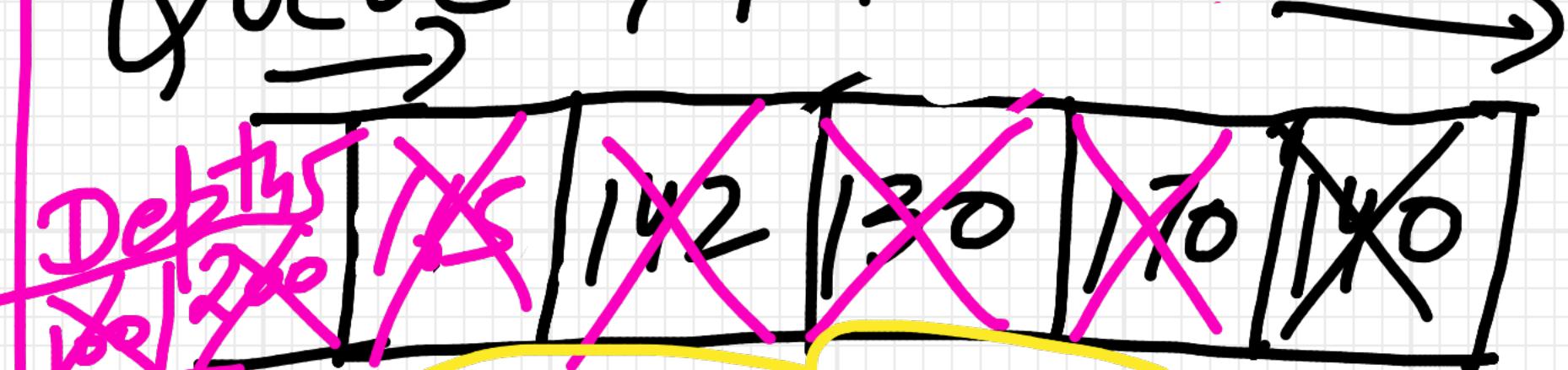
100

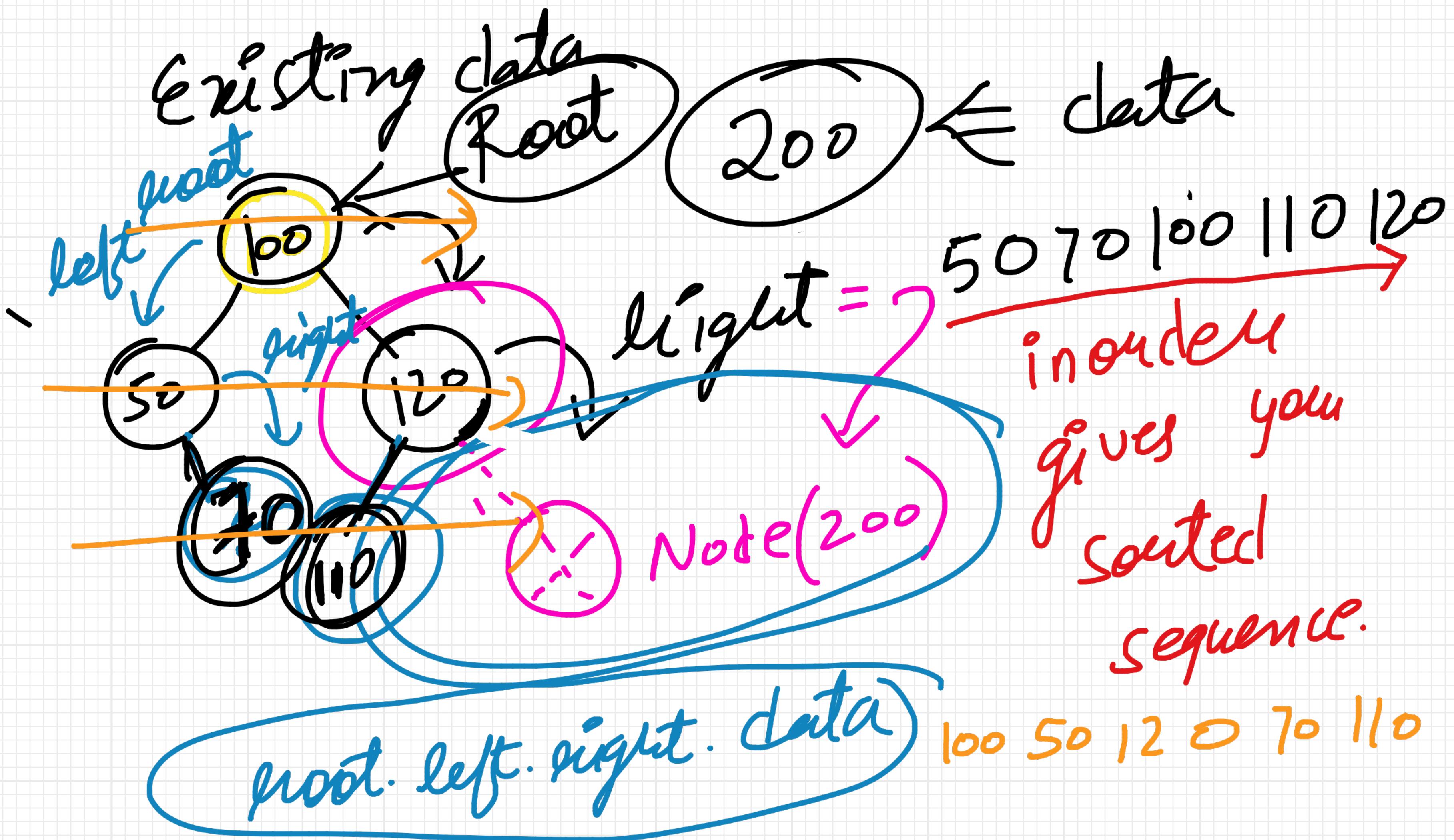
Breadth First Search (BFS)

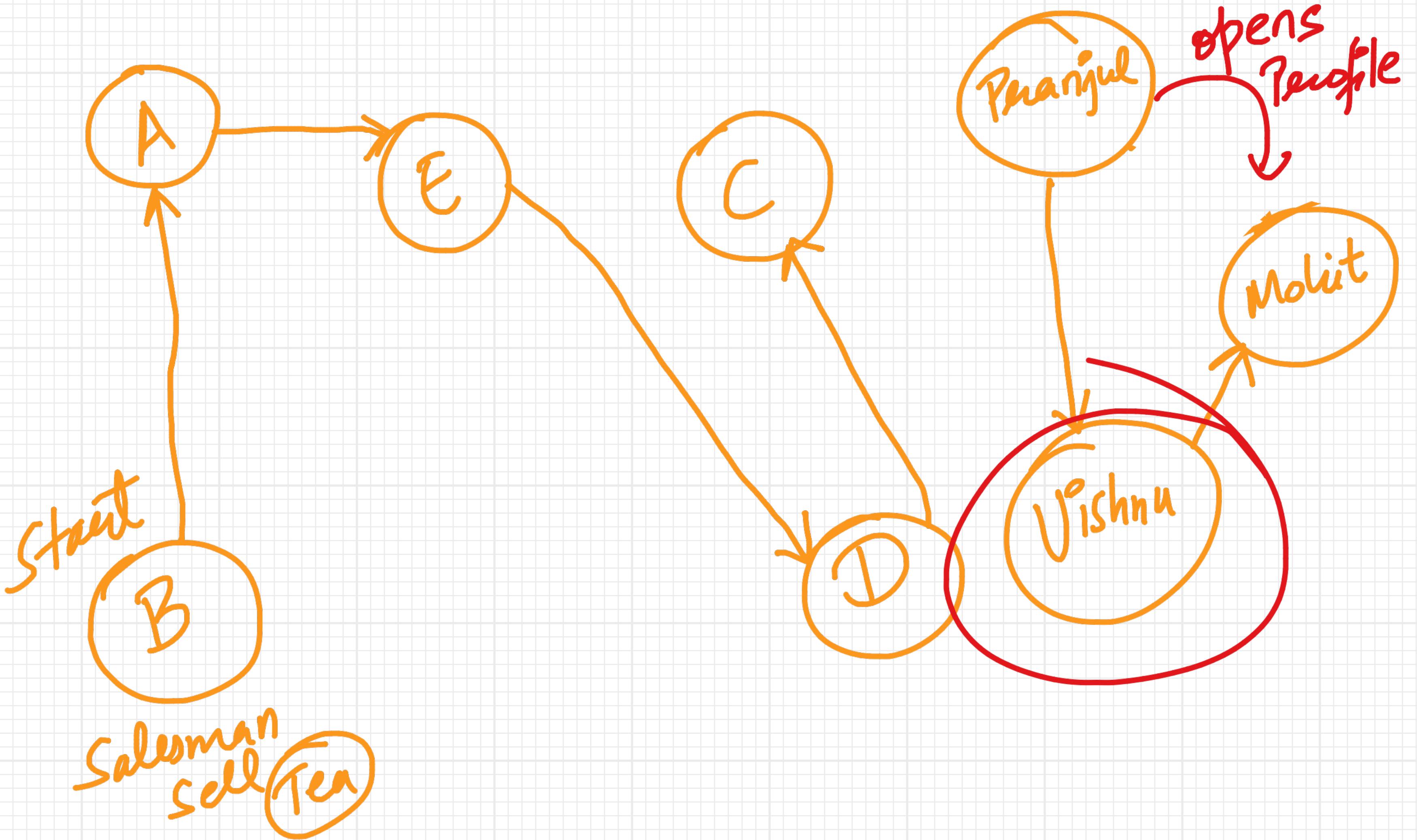


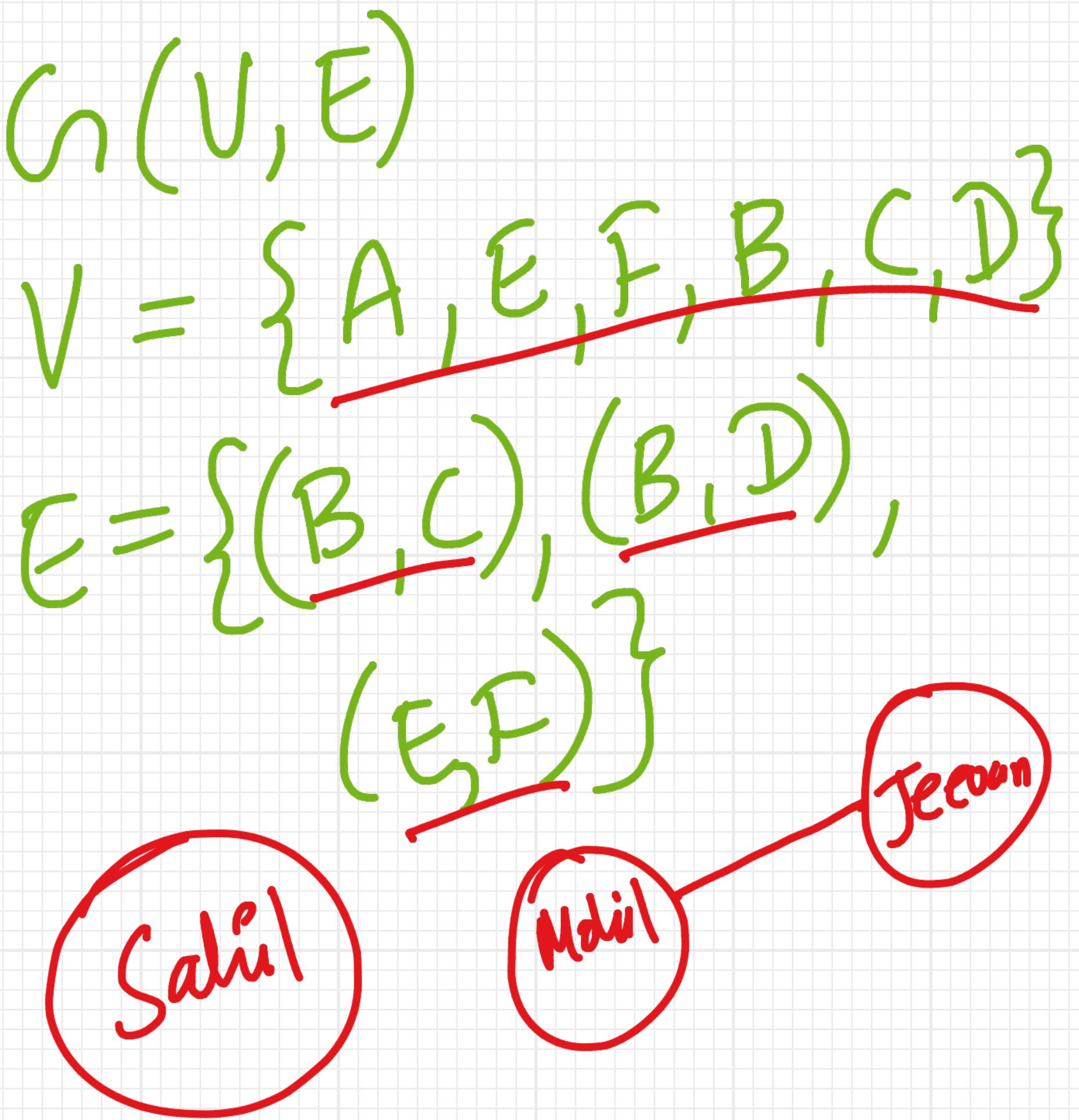
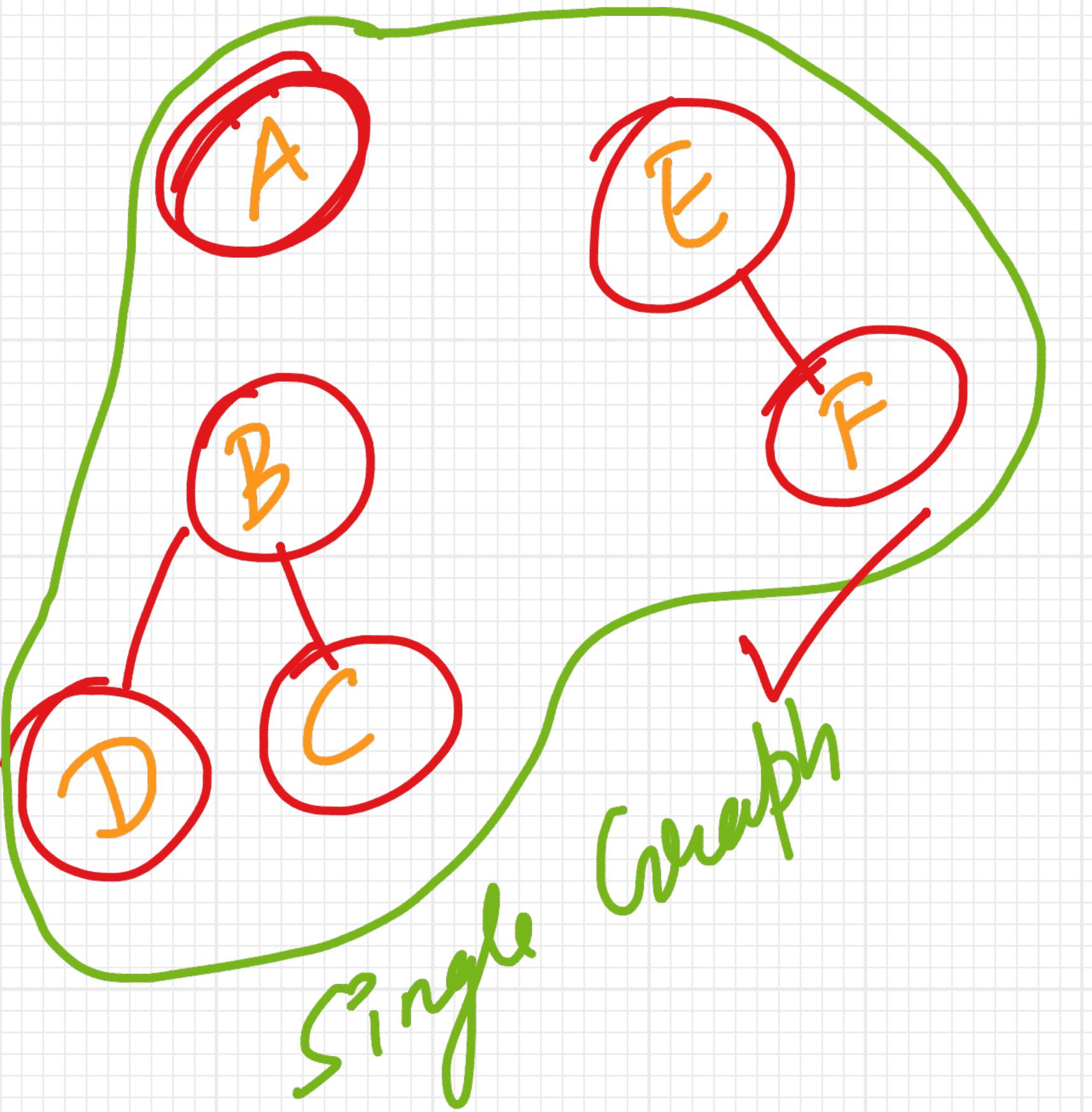
BFS Algo :-

Queue \Rightarrow FIFO

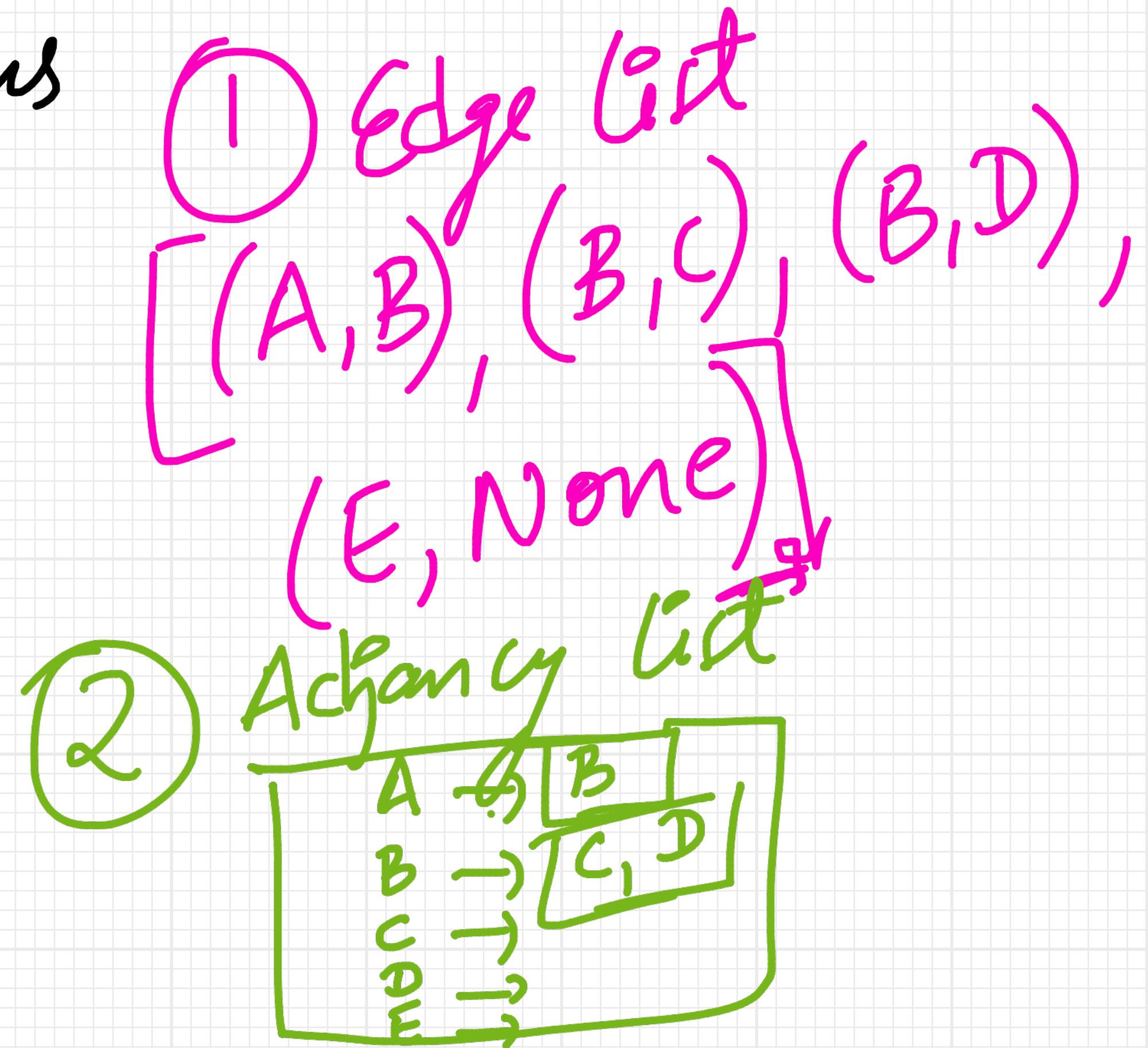
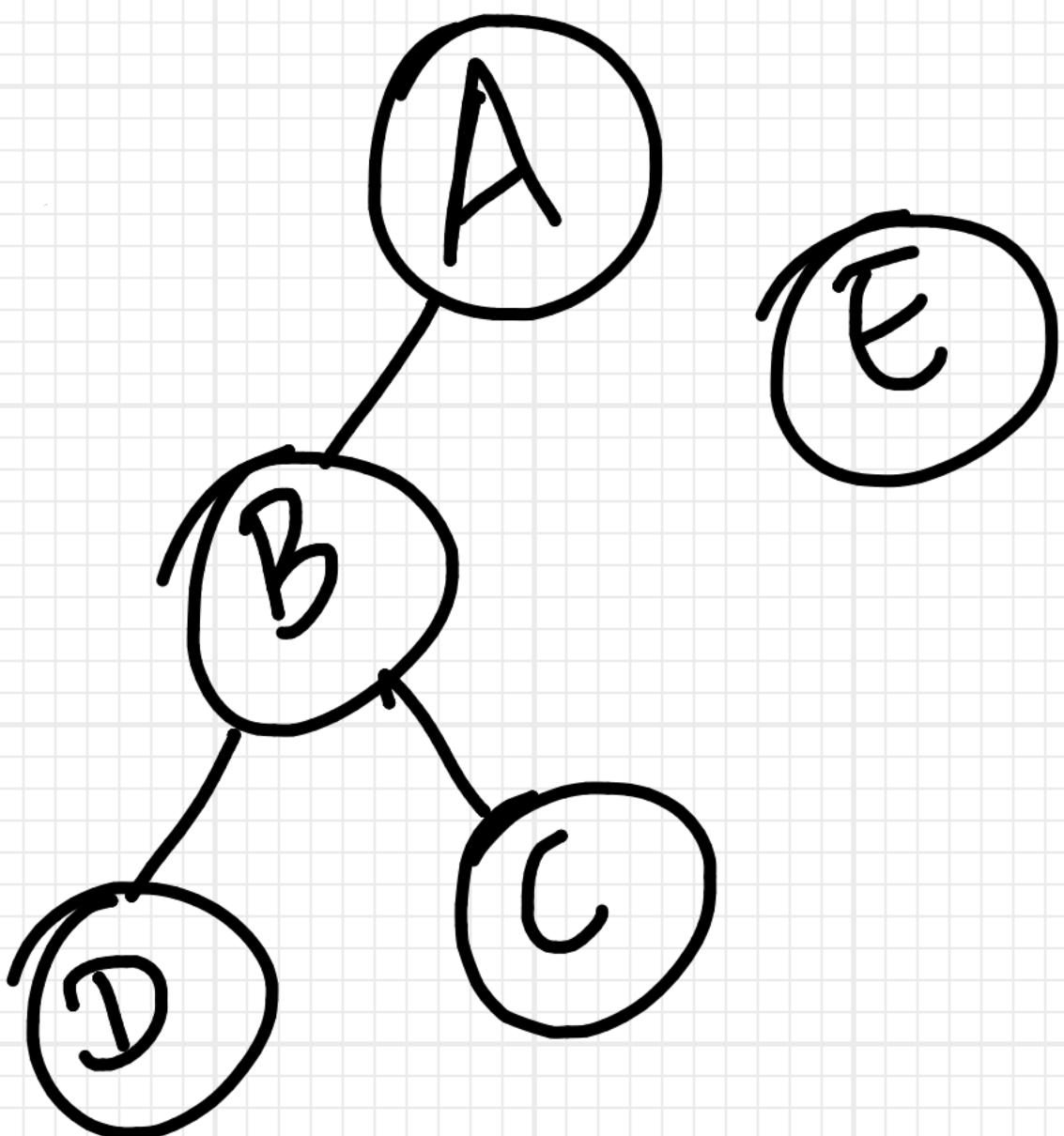




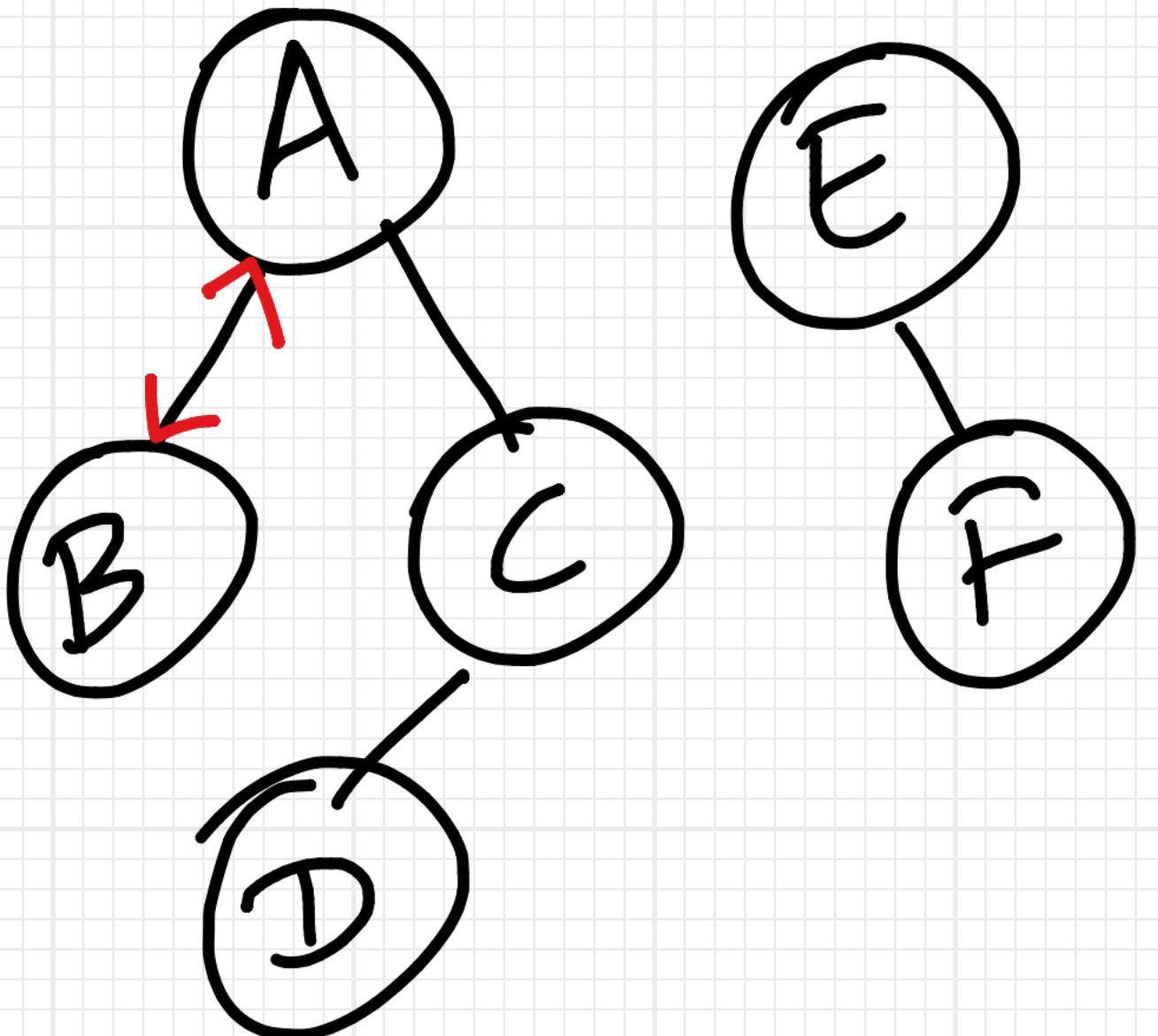




Storage/Representation of Graphs

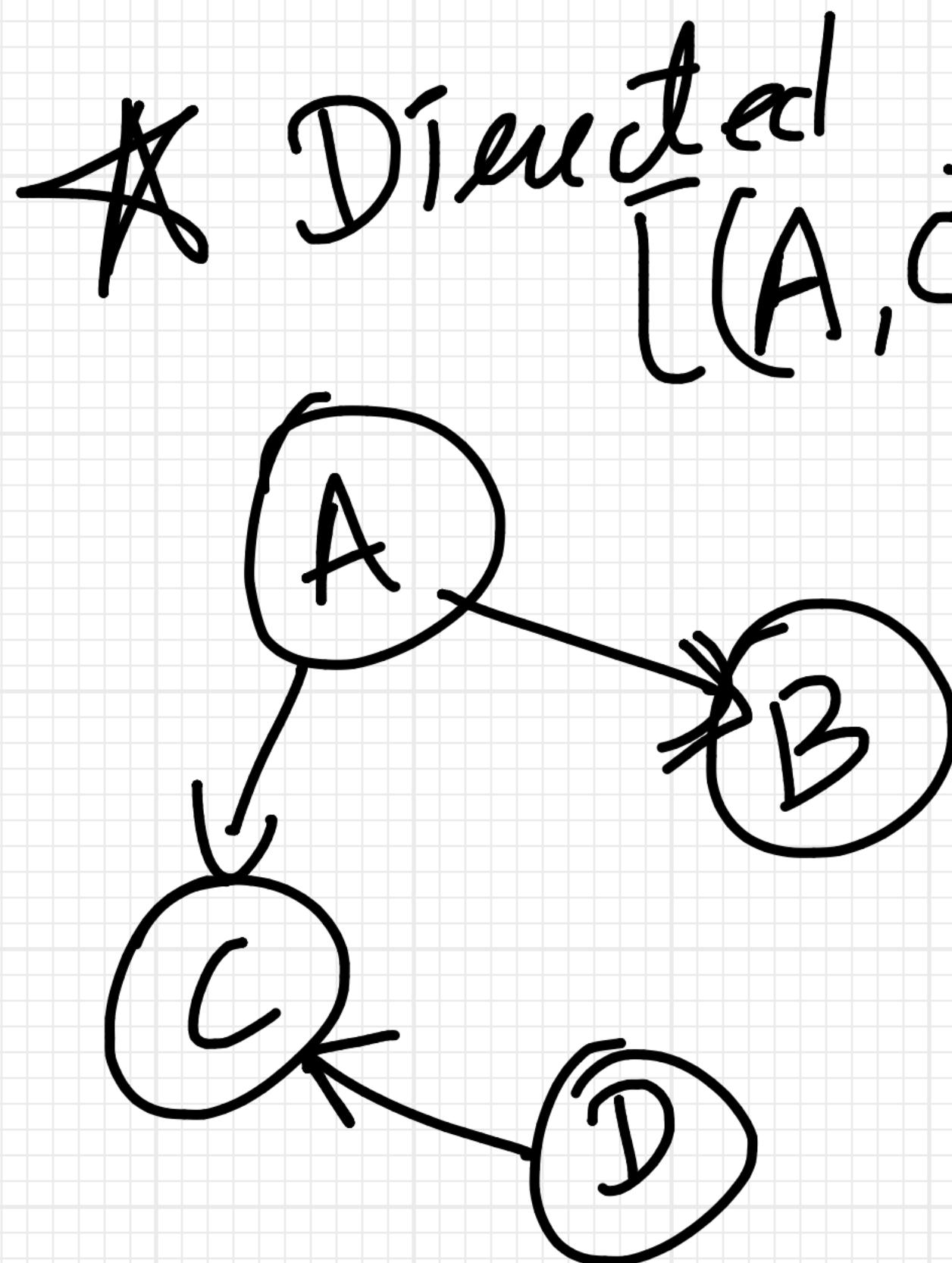


③ Adjacency Matrix



	A	B	C	D	E	F
A	0	1	1	0	0	0
B	1	0	0	0	0	0
C	1	0	0	1	0	0
D	0	0	1	0	0	0
E	0	0	0	0	0	1
F	0	0	0	0	1	0

Directed Vs Undirected Graphs



$\begin{bmatrix} (A,C), (D,C) \\ (A,B) \end{bmatrix}$

Undirected

