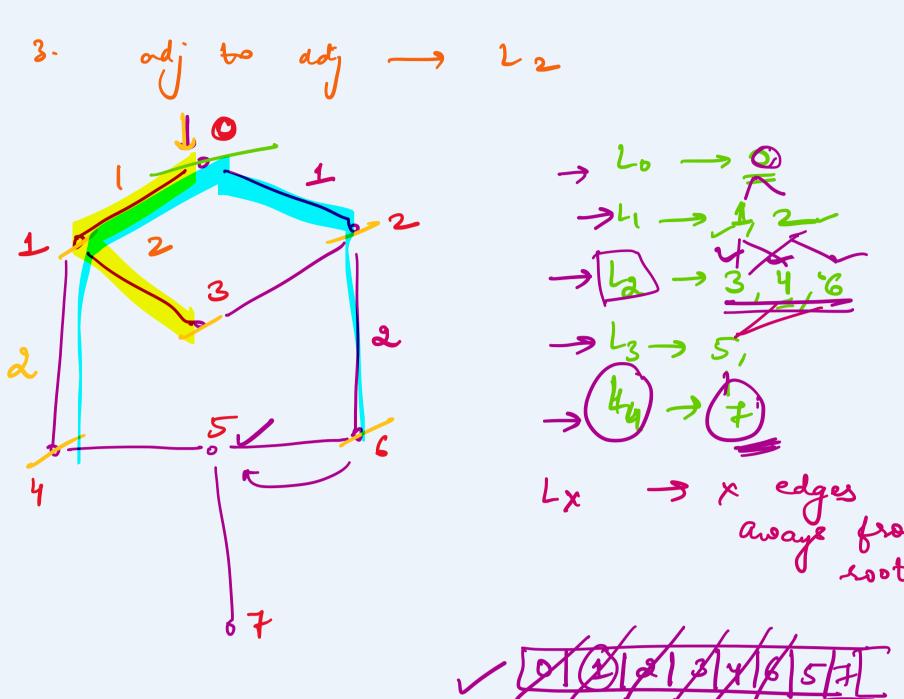


1. Appoint any node as soot

adjacent to root are concidered as Lt.



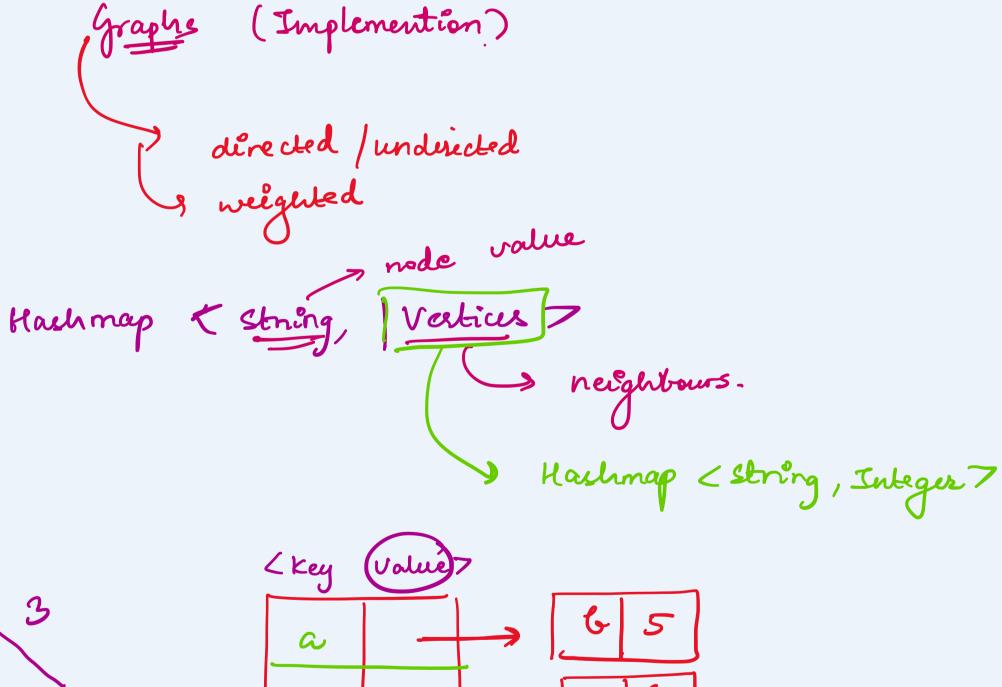
BFS (9,5) & psendo code ris → [] Q - queue q. enque (s);

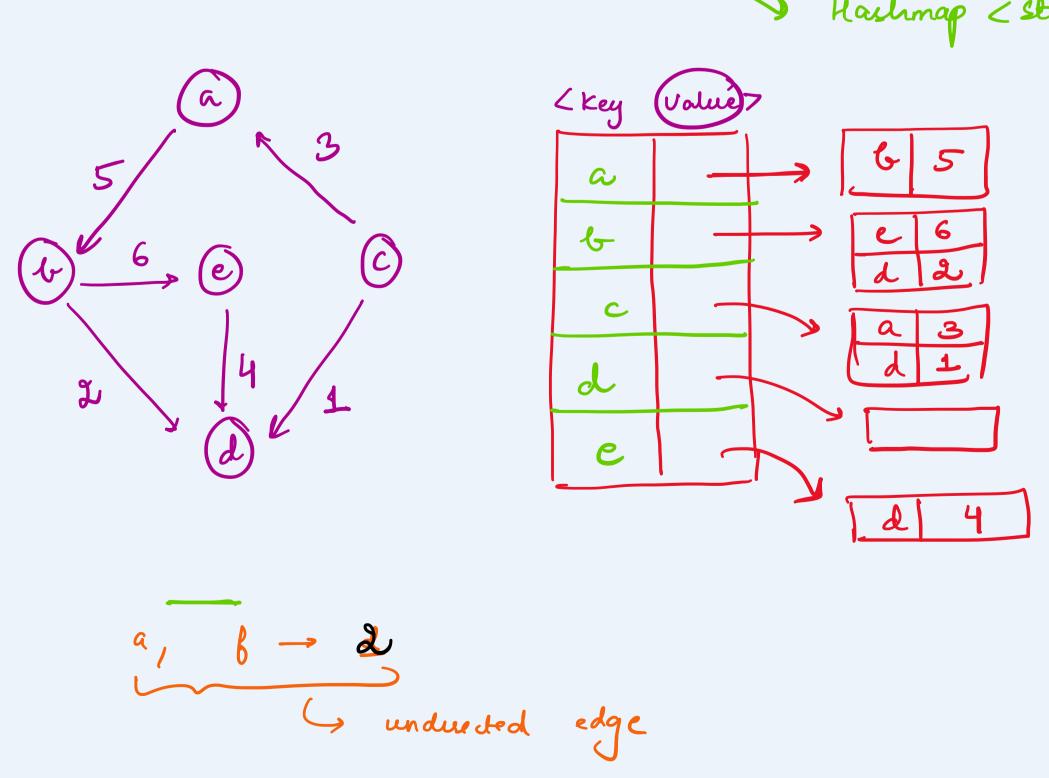
mark s as visited risss= ts volule (Q is not empty) ?

V= 9. dequeue (3) Il processing all neighbre 7 v If w is not visited 9. enqueue (w);

as ricited

It BFS. can be used to find the shortest path blw two nodes in a undirected & unweighted graph





Given a graph, cheet whether it is connected or not.

