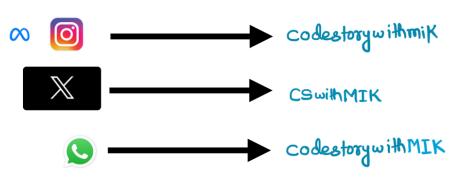
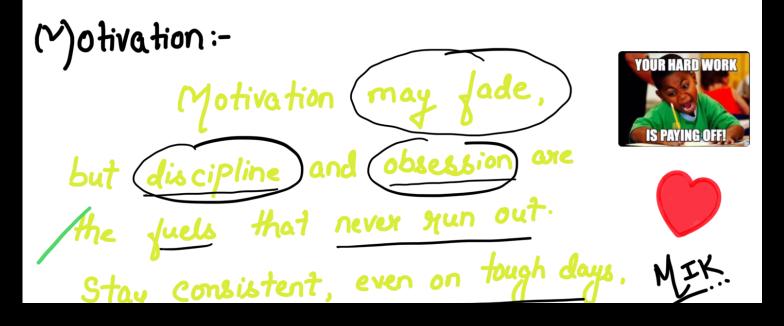
Graph Concepts





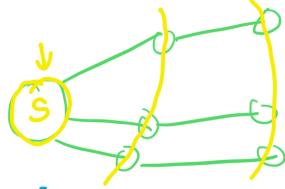






and you'll see progress.

Success comes to those who keep going, no matter what " stact"



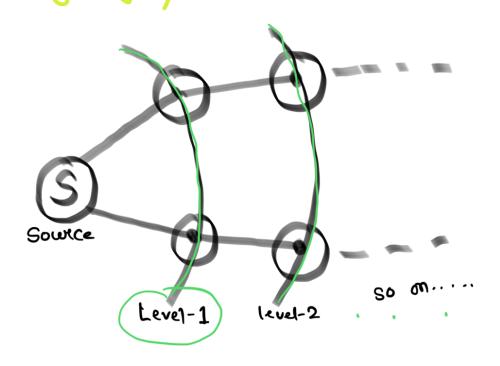
Multi-Source BFS???

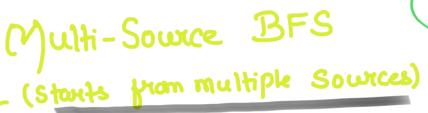




- (1) Explores all neighbors of a node before moving to their neighbors.
- 2) Typically used to find shortest Path in Graphs/2D Grid.

3 Layer By layer / Level By level traverse.

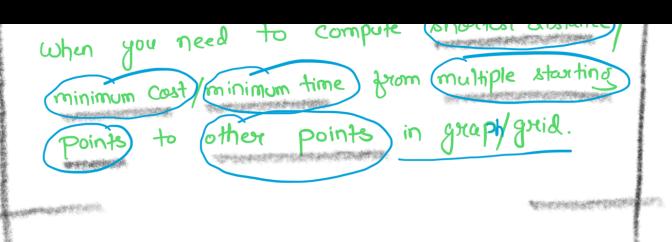


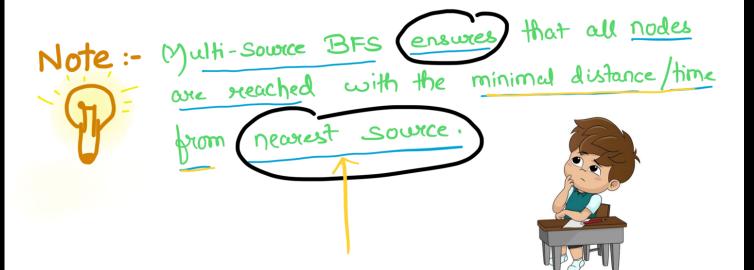


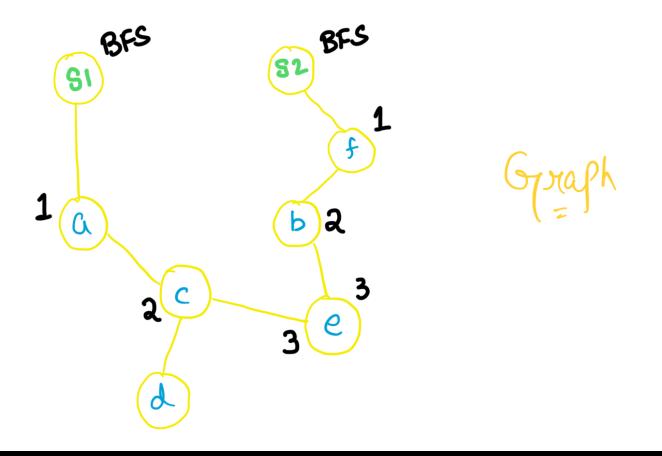
- que push (S1 v. 1~ (S2); While (!qv.) 1
- 1) Storts simultaneously from multiple Source/nodes
- 2) Useful when you want to spread out you multiple source/nodes at once.

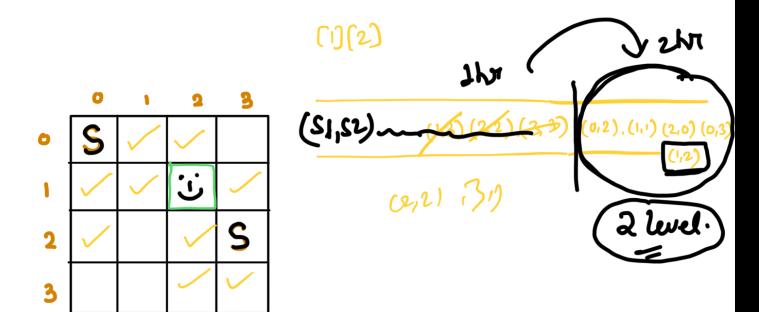
Why is Multi-Source BFS useful ????

(hortest distance)









Why am I not using DFS
for visiting nodes???

The doesn't gawantee to visit nodes in shortest time/distance?

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There are several applications of

Multi-Source BFS.

"See you in the next video"