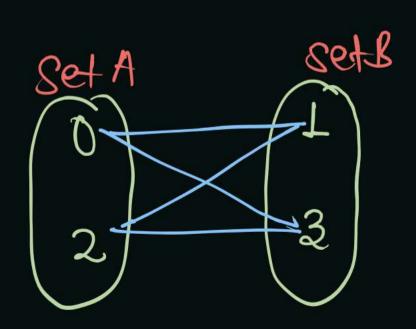
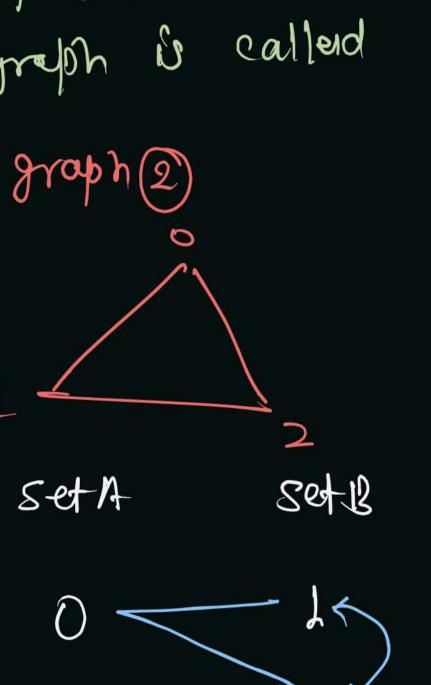
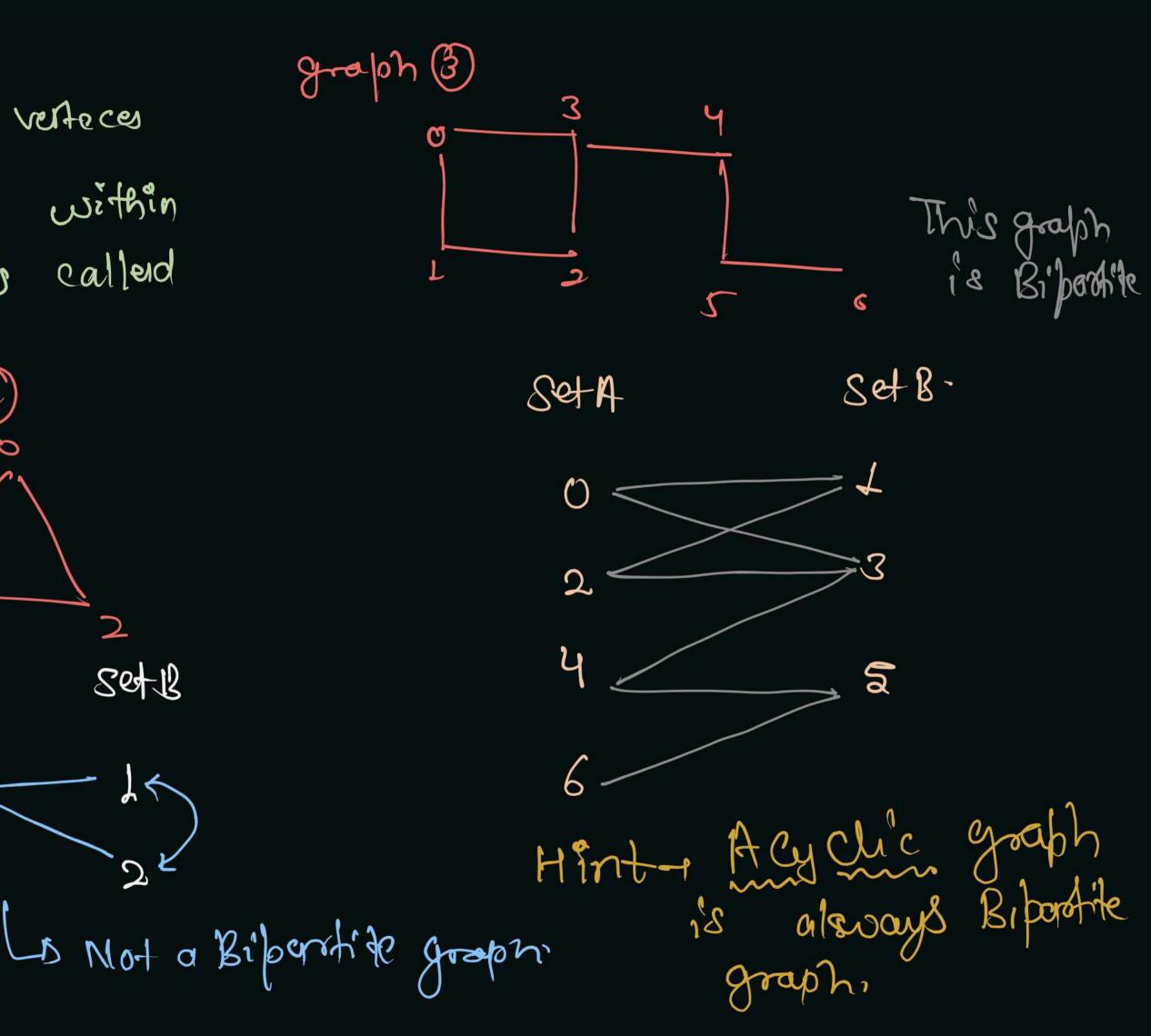
Saturday, 10 July 2021

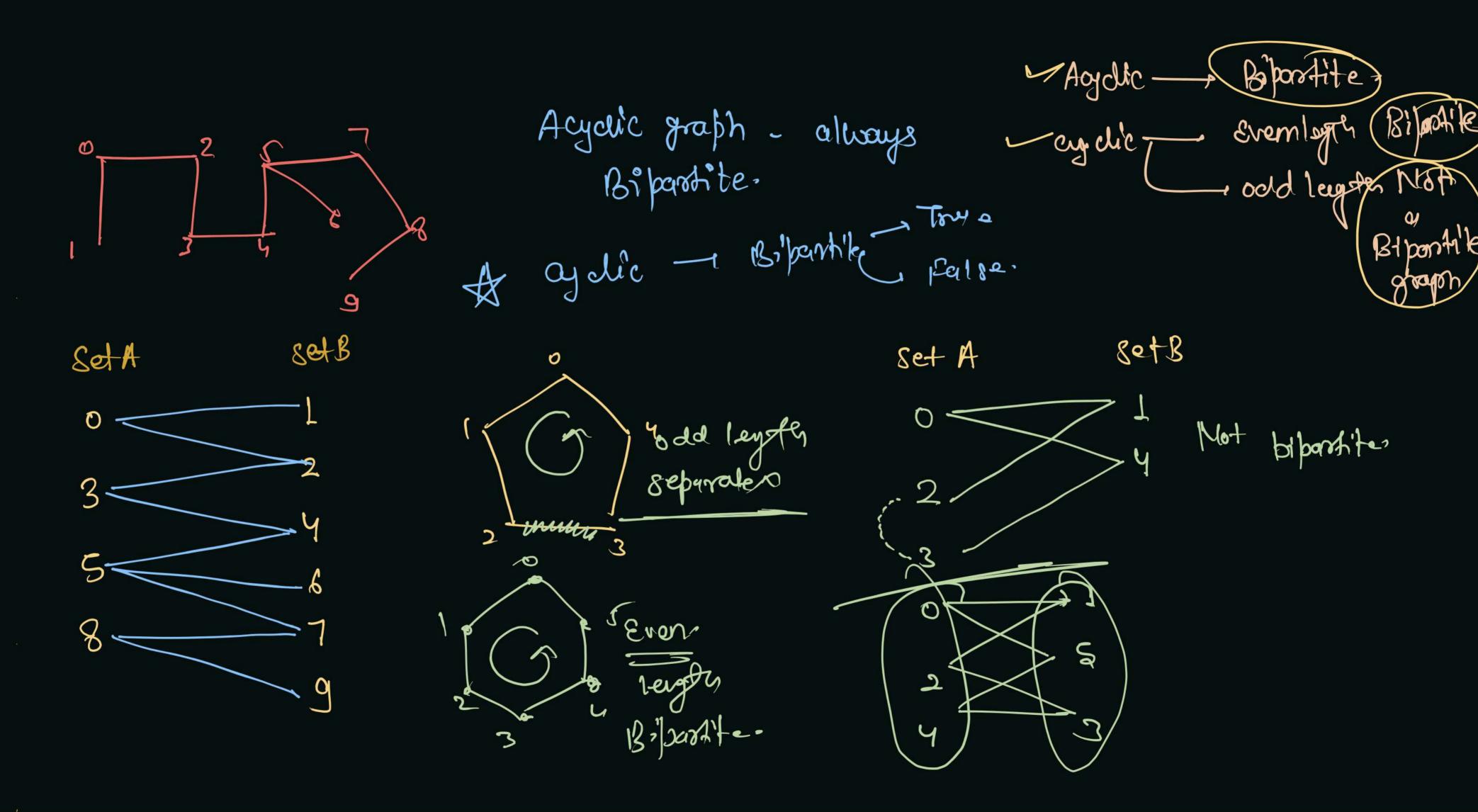
mare two set of verteces gf we com within is provent that no Edge set. Then graph is called Same Bipartite Graph.

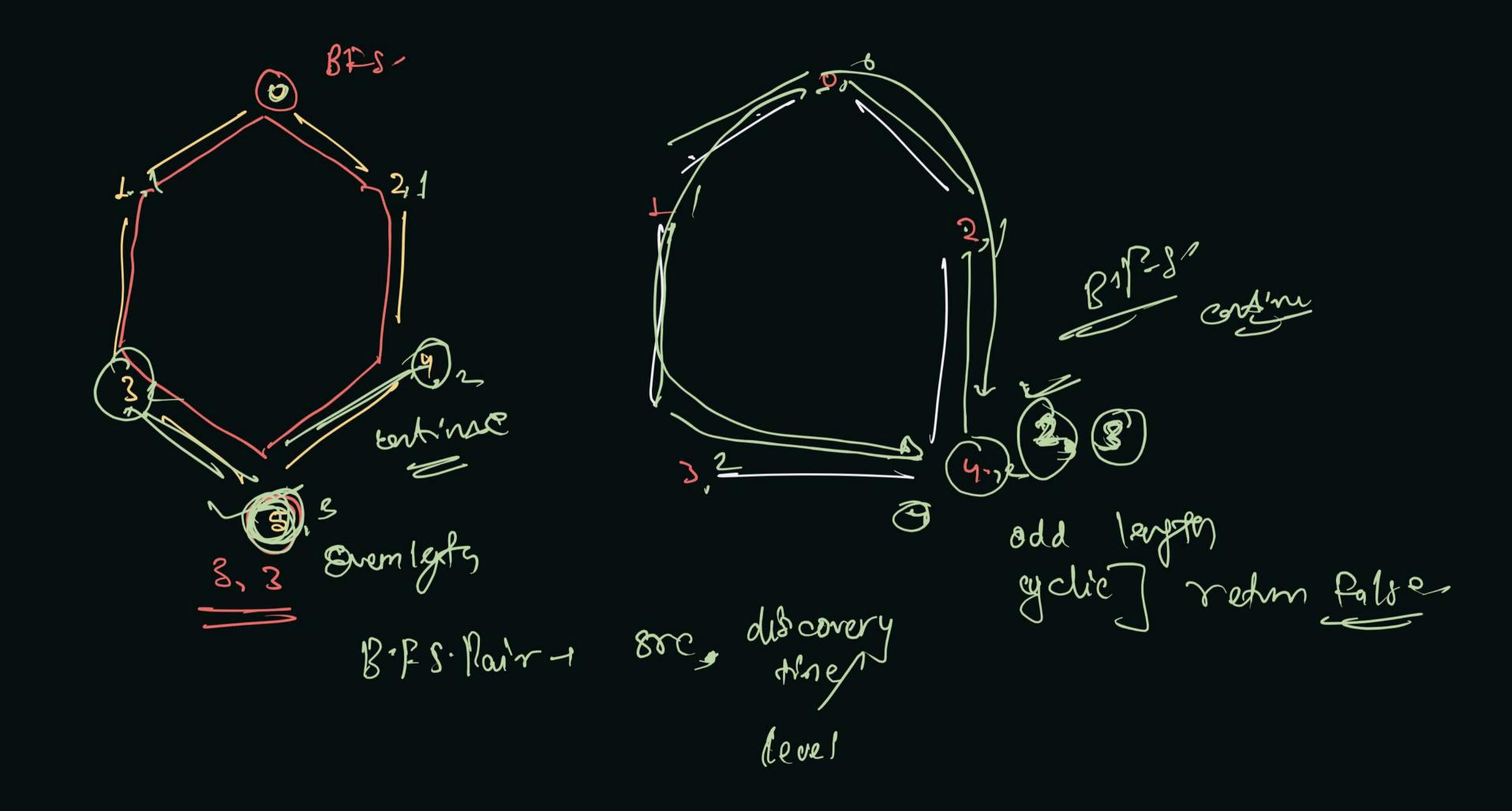
graph (1)

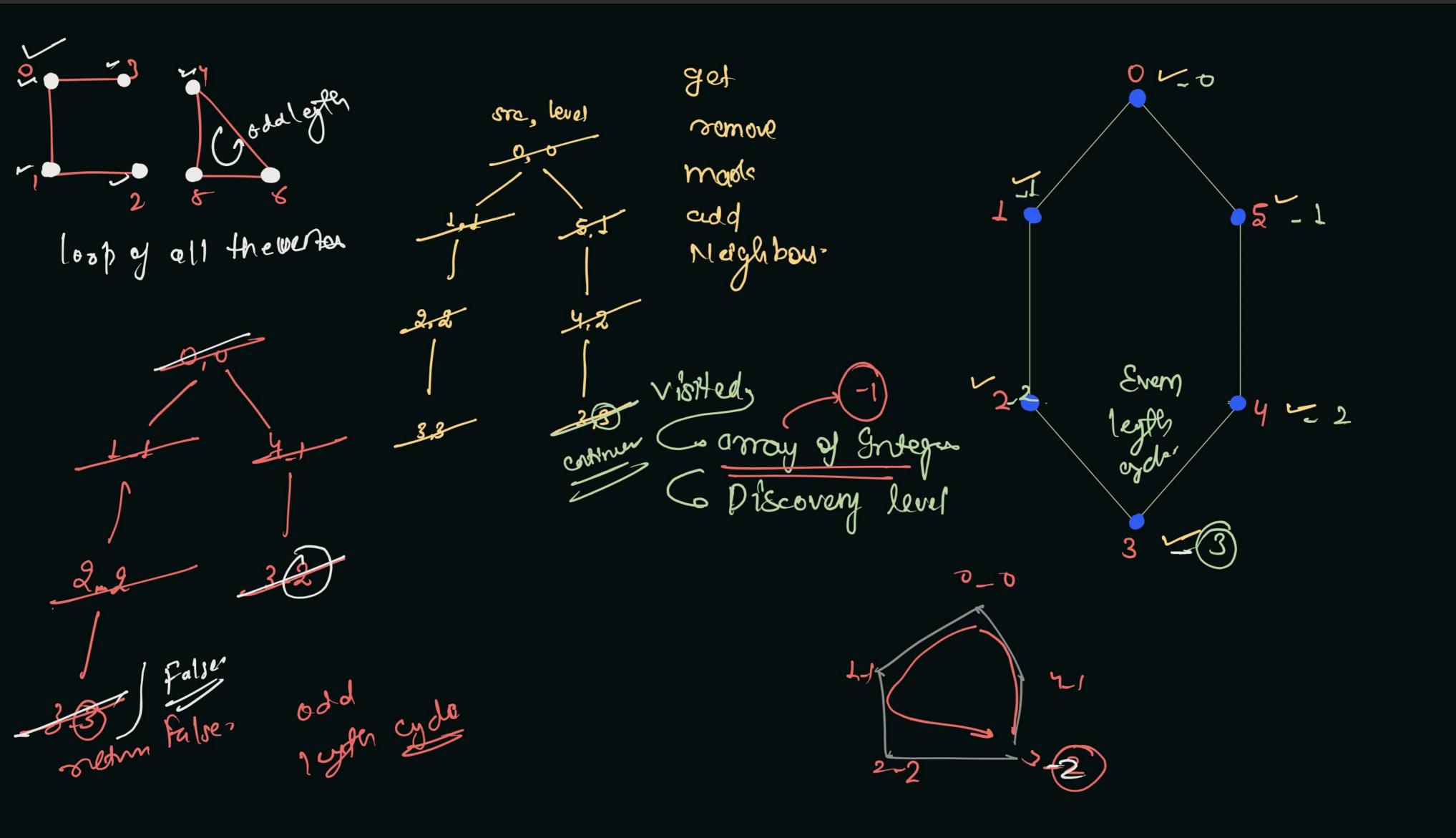


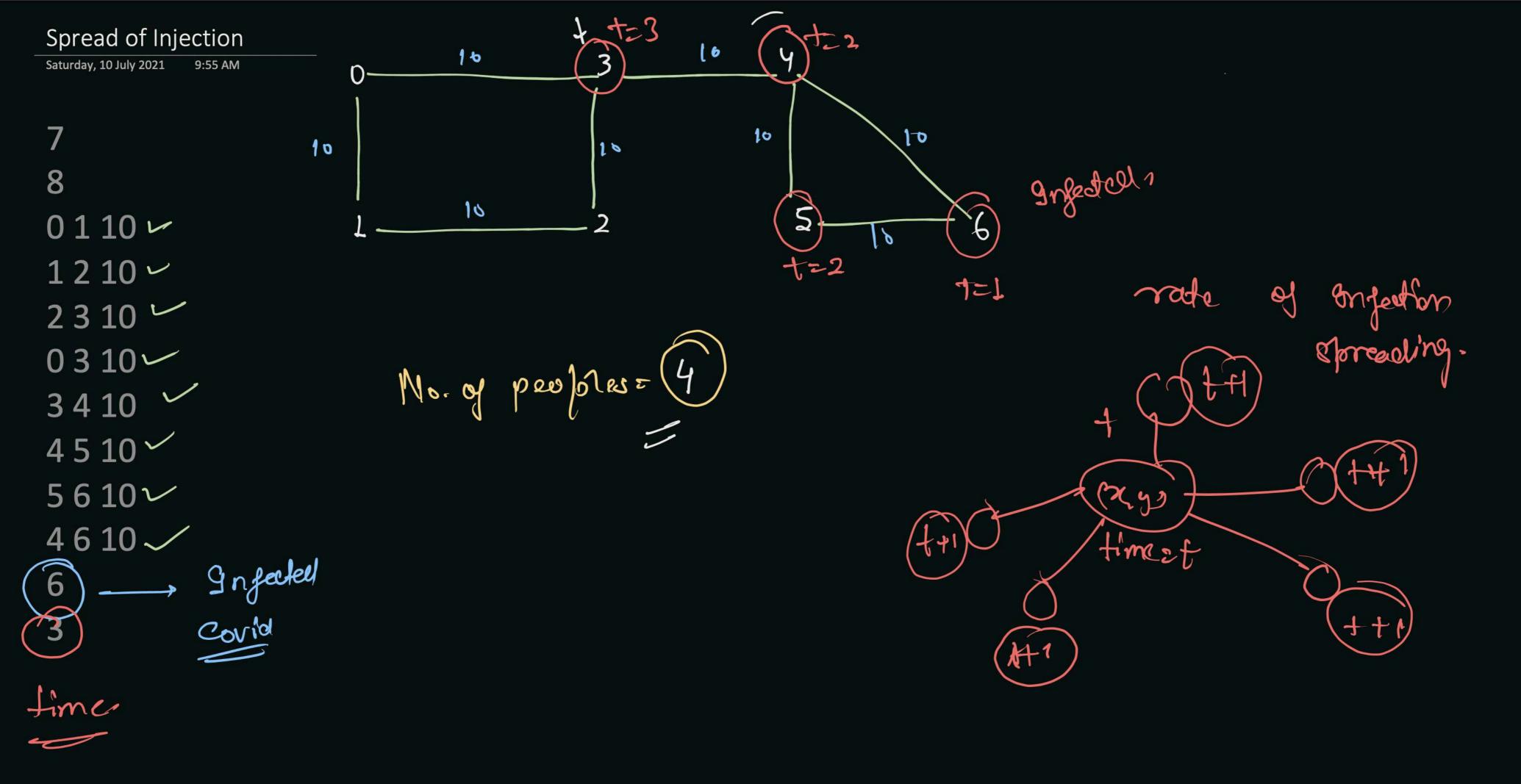


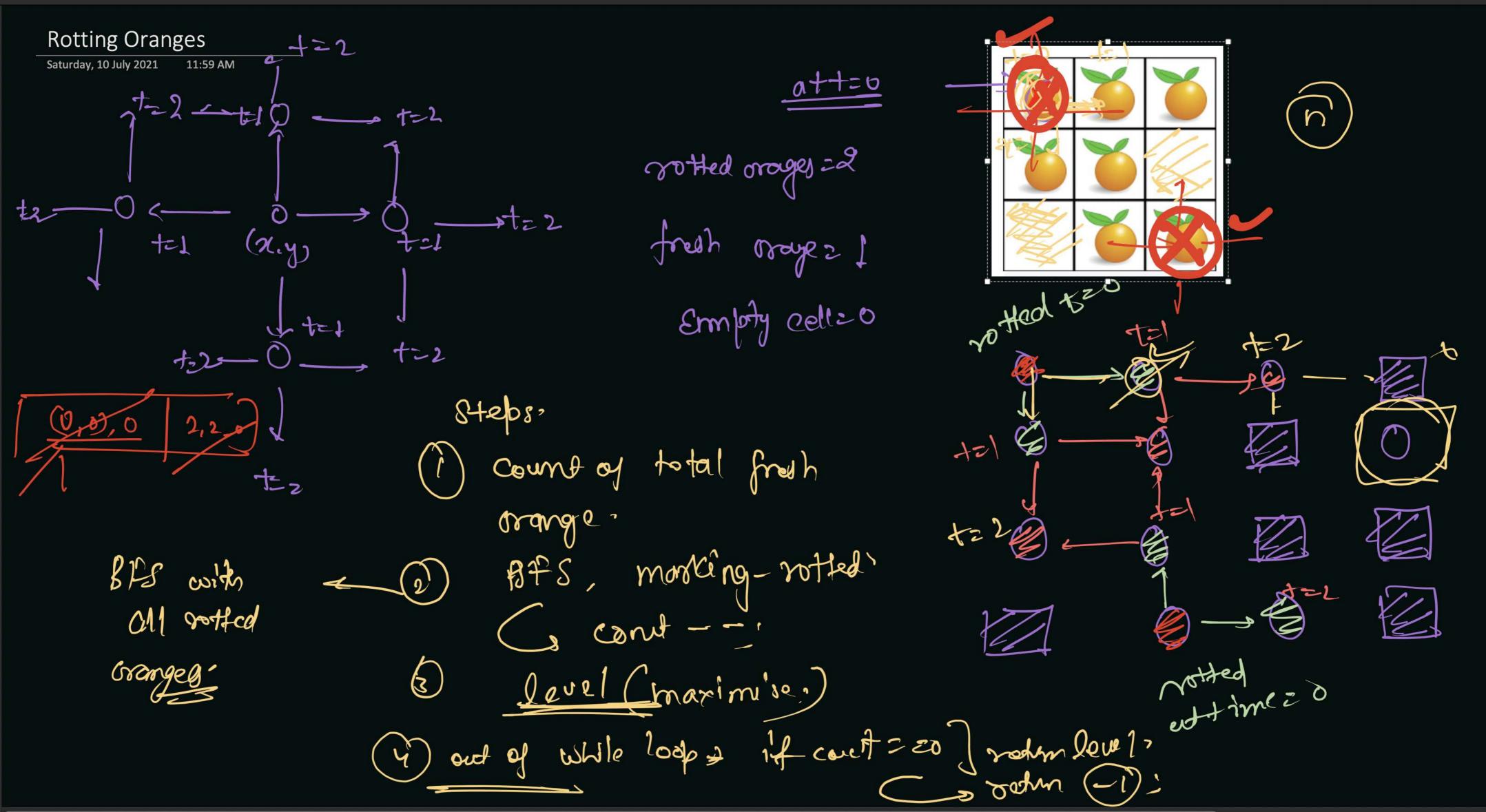


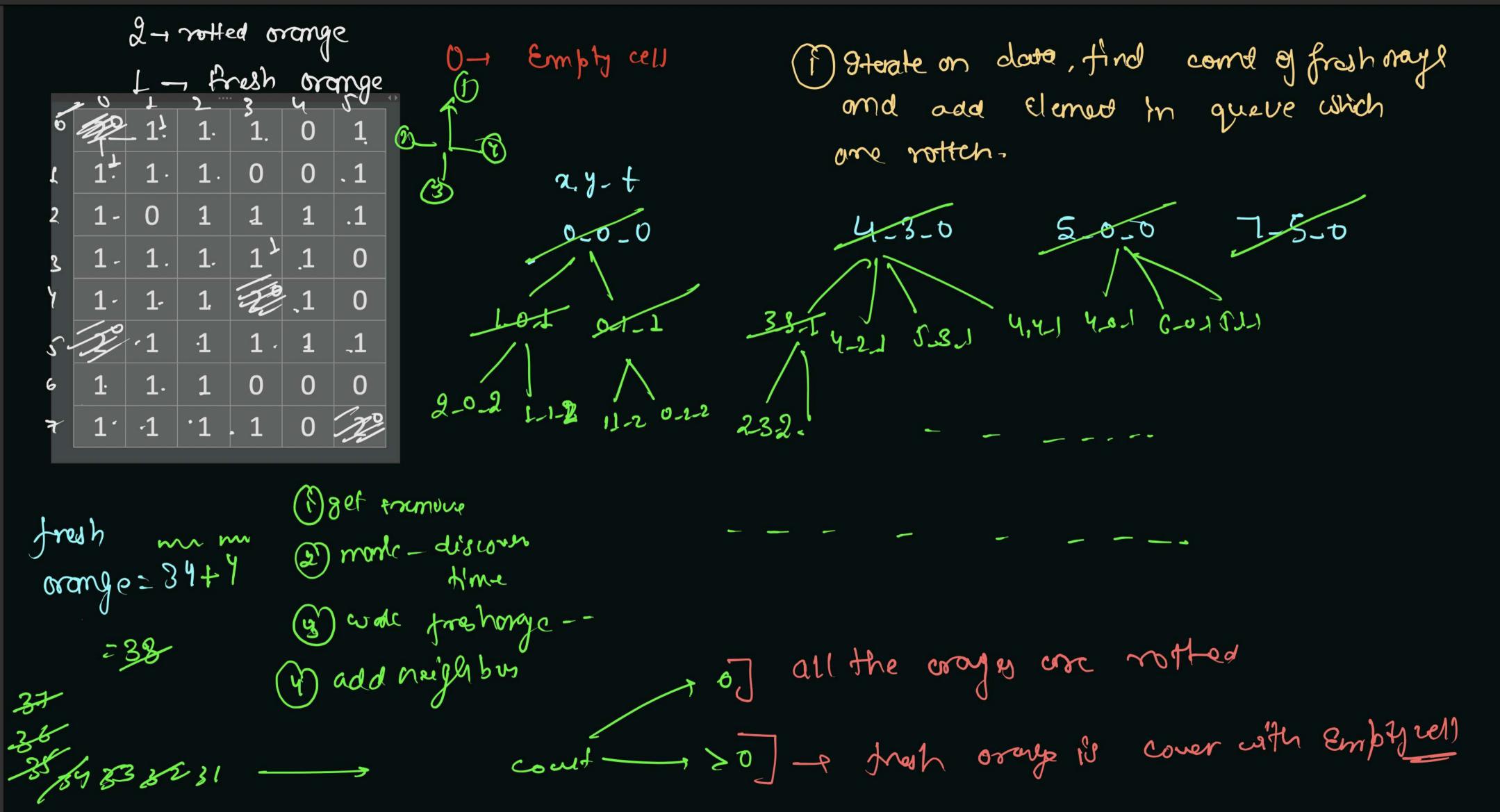












## Fire in the City -

1. 1. 1. 1. 2 1-45 1 1 1 .1 1 1. 1. 1 1 1- 1- 1 (2) 1 0 1 1 1 /0//0//0/ 1. 1 1 . 1

0 -1 wooden House

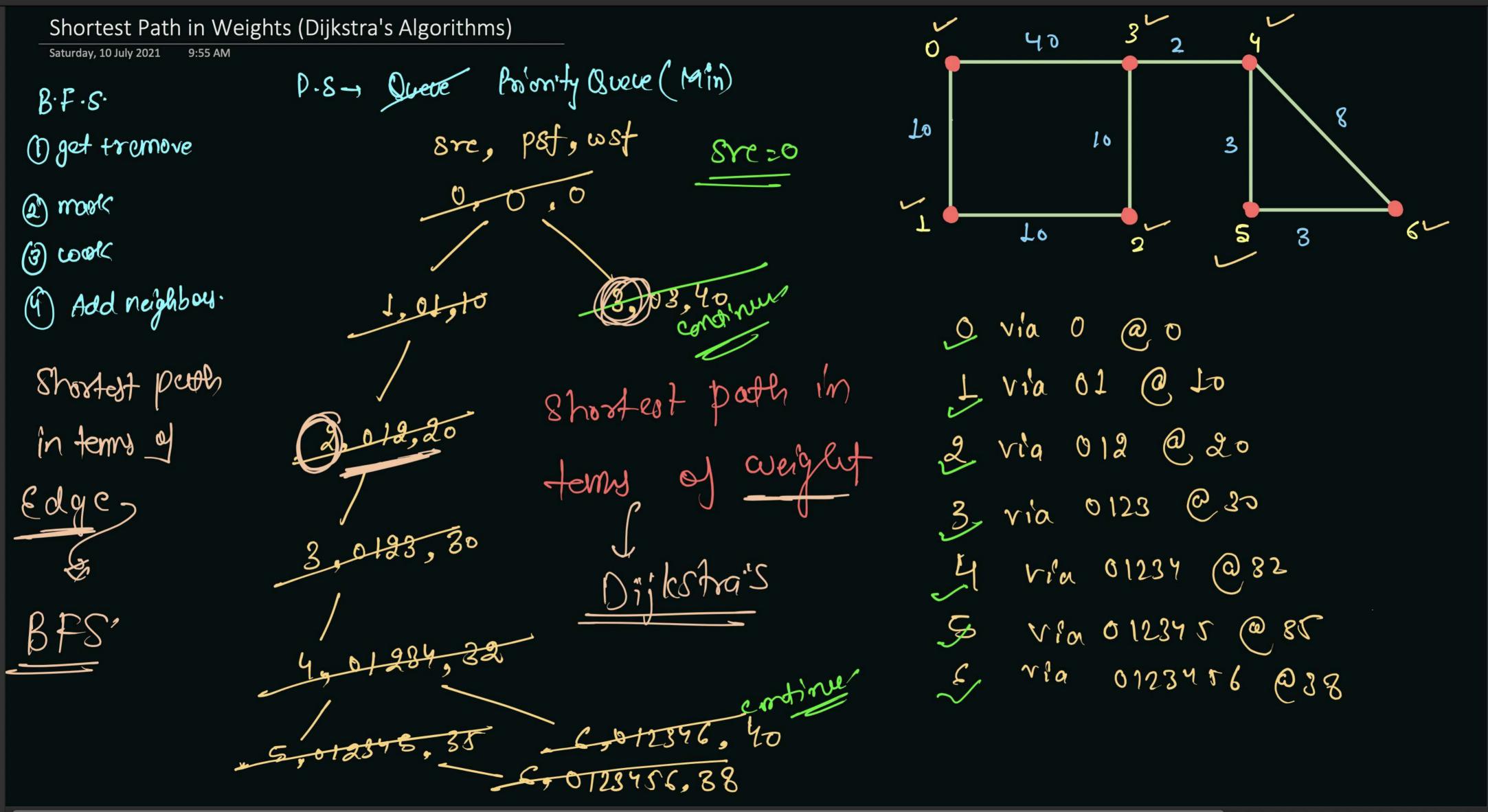
2-1 Fired Cotched in browse

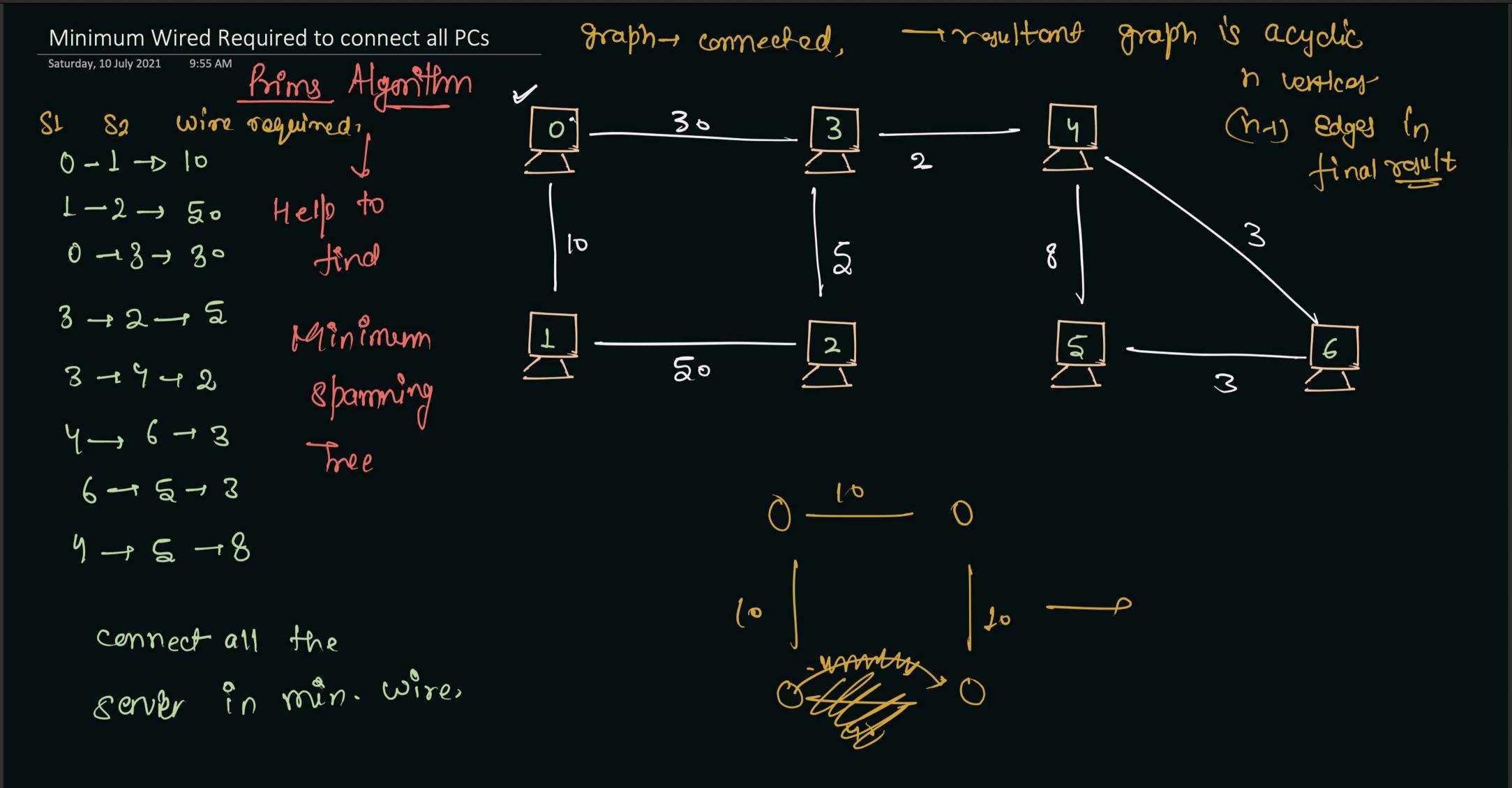
\*Time Required to composetely (notten othnorph)

burn the city if not possible teen och -1

I time of burning of every hour.

150- burn ut tire = 1=)

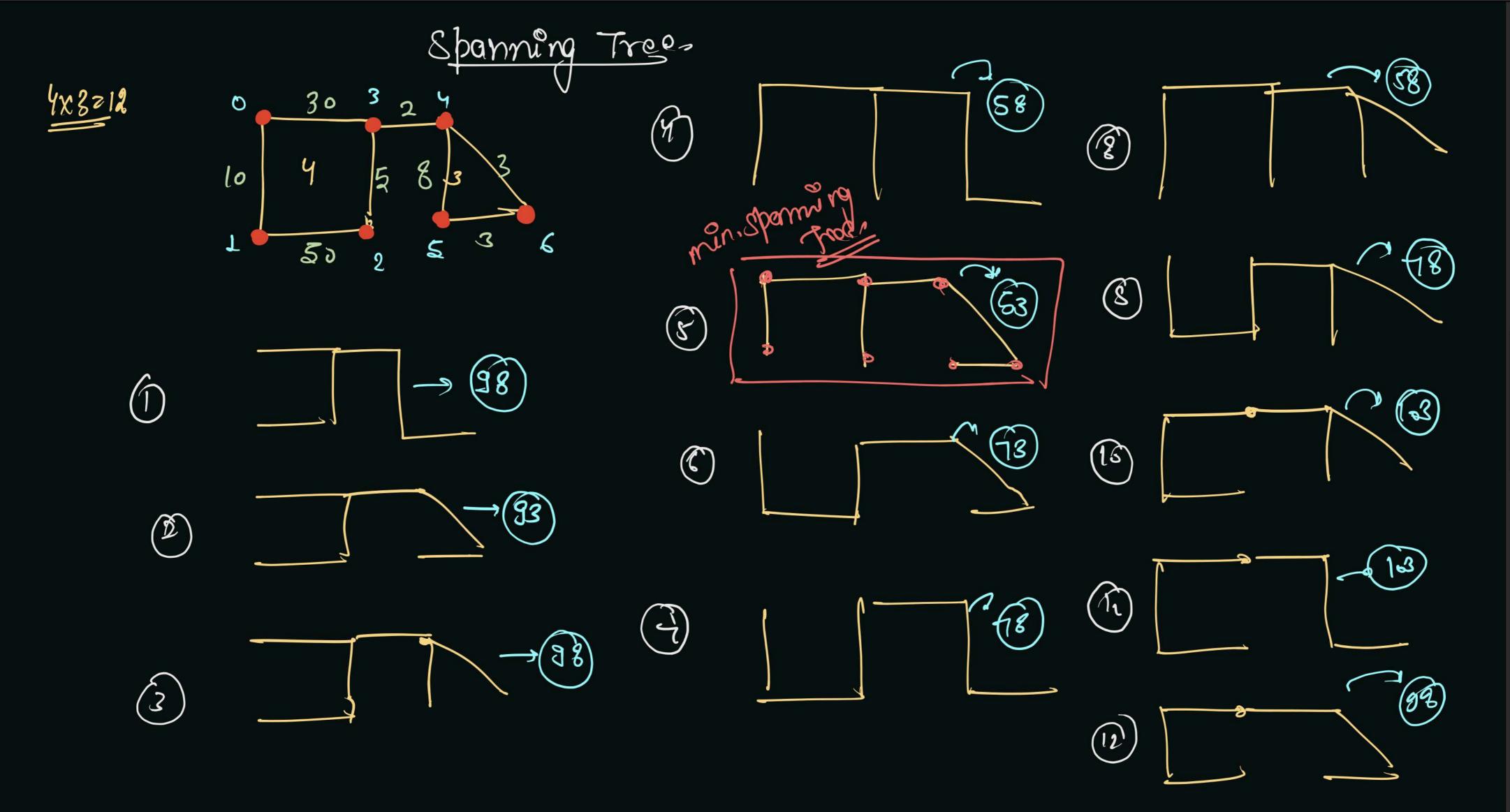




graph Minimum is Tree Min. connected Spanning -> possibilitig-Connected Tree and Acyclic Spamning free Minz 19 10 40 connected & Acyclic 10 2

40

2



graph-1 connected src, forent, wt 30 D.S. - Paronity get tremove Oweo. manc worte\_addledge న్ల Add neighbors. 3,0,30 30 How prims Algorithms (MST. minimum Spanning tree) is different from Dijkshais Alga.

— Dijlestra fond min perth (in terns of evelget) from a single source to stryle dest

-e loins find min path som to connect all all the wester.



order of compration Evaluate Division