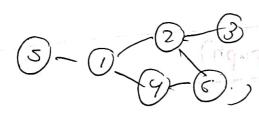


Chereauside Bipantik graph}

First thought in my mind, I had now now it it deg.



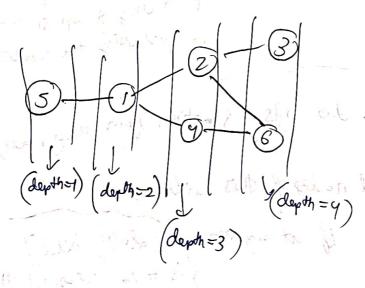
3) Cet say that are charge ).) node 1 as start

Then we calculate depth. and whatever is

The max depth, we consider that they

The fold number of groups.

But I saw that depending on the node are choose as root, the mas depth changes.



So ideally I

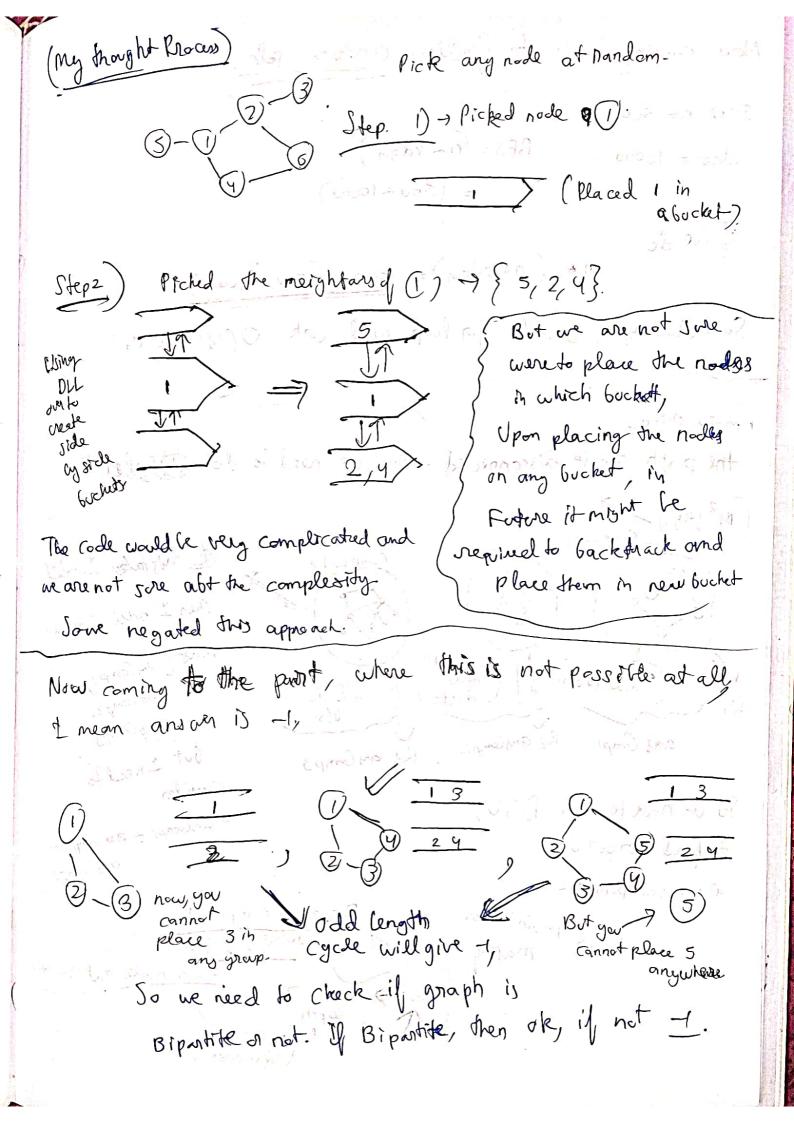
Could just do

Bys starting from

each node

and get the

answer



Now coming back to finding actual soln. Since n = 500, BFS = (0+ edgs) edger = 10000 / = (Soo+1000d) if we do n\* ('n+edge) = 500 8 (500 + 10000) So orchally a double for loop, will work O(N2) works 1 more thing the graph can be disconnected. And are need to do the for the Or my take I did Component 2 Component 3 then I will Consider. may any Camp, (on each to lift.) on each node do node RZ ans Compz but I need to ares Compl R3 and Comp3. So we have to Use DSU, = ans Comp 1 + ans Comp 2+ to find groot of any Comps each component -So are maintain a For each Component, each node getthe voly Root & Max 3