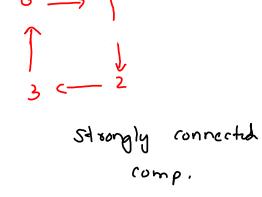
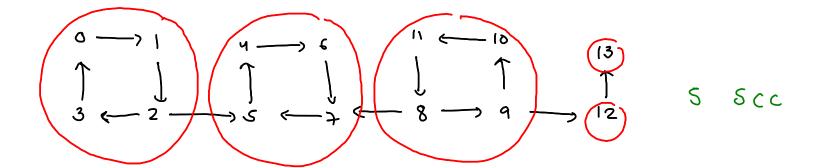
Kosaraju Algorithm: Strongly connected comp

directed comp

Etrangly conn.

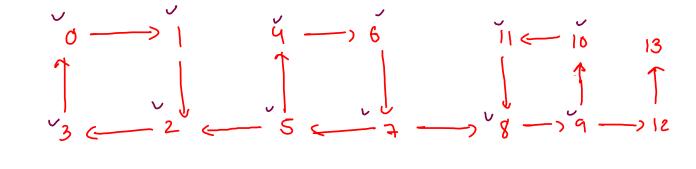
Comp

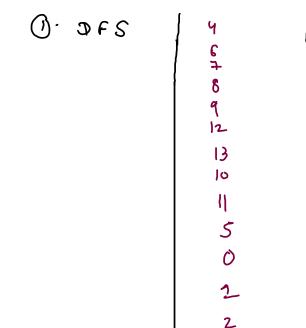


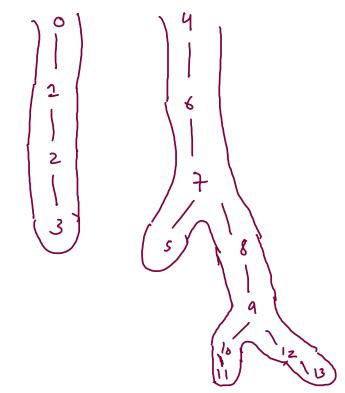


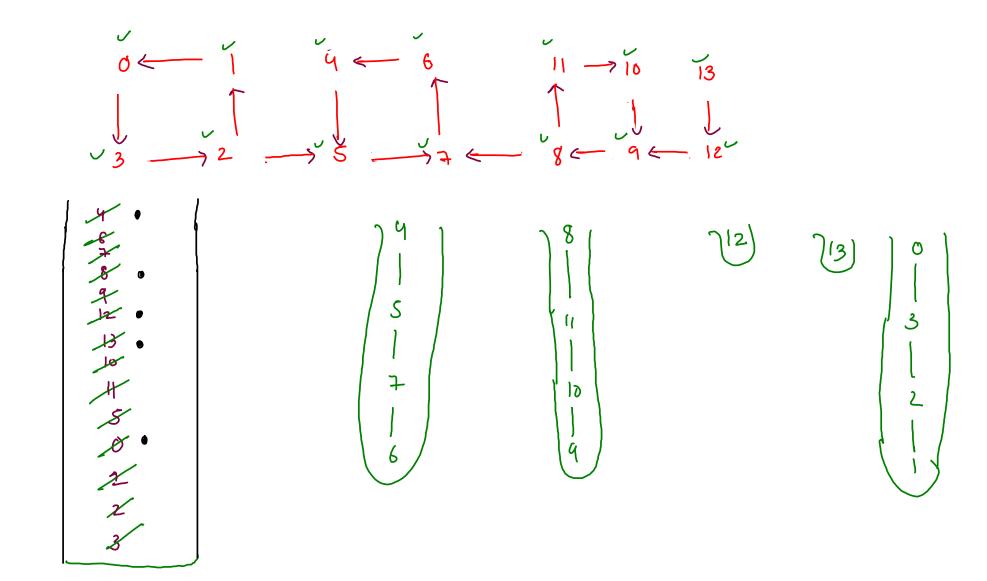
Strongly connected comps.

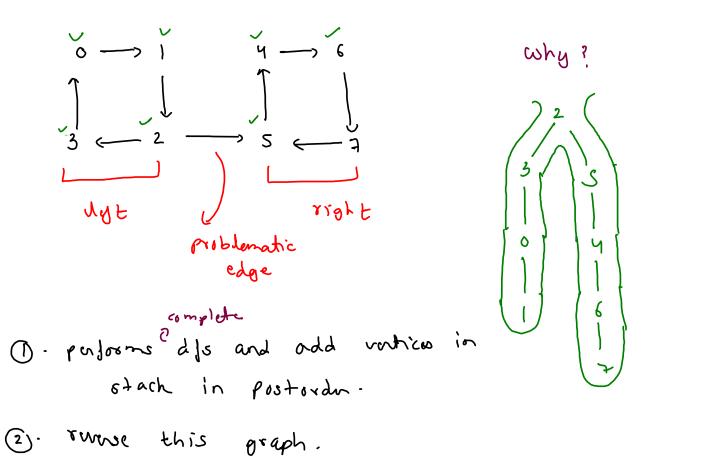
no of cycles 1 = no. of 6CC



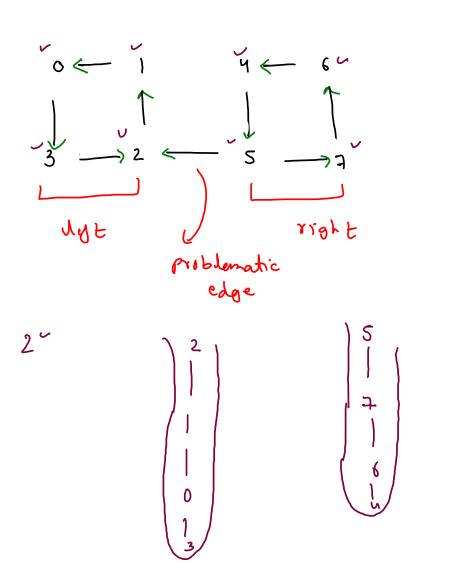


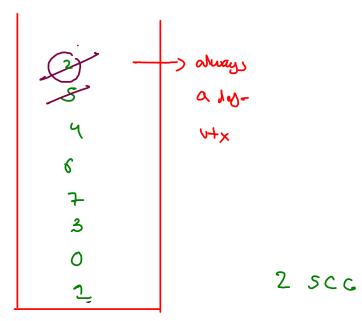


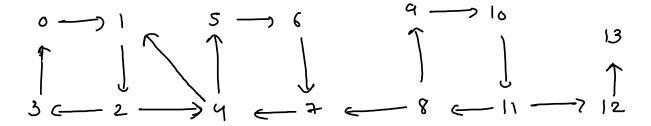




3 · now travel Dds using stack (no. of dds = = 500)







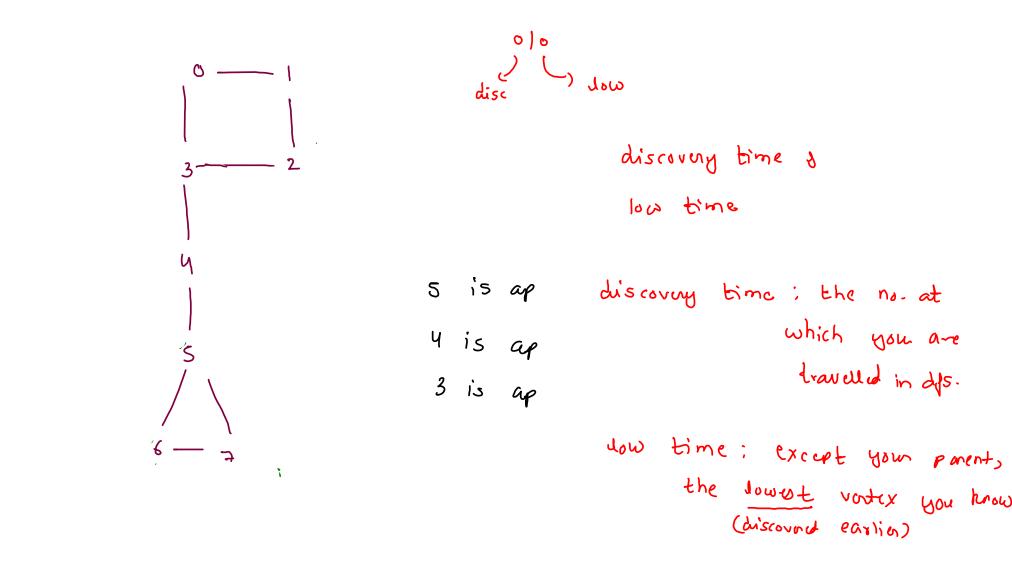
Articulation Point

1 24 are articulation points.

each

vtx

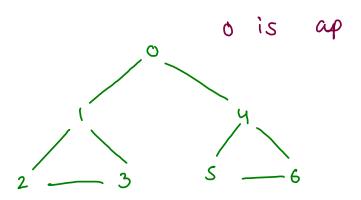
connected com

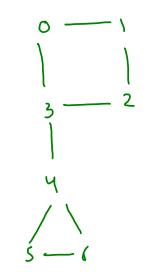


1) ignore

ij (nbr = = pan) ? else if (nbr = = unvisited) { 1. go to nbr. 2 - dow (src) = modh.min (low [nbr), Low (svc]) clse ij (nbr = = visited) { low [src] = math. min (dow [src], disc (nbv)

orc-, manage differently ij (nbr = = pan) ? 1) ignore else if (nbr = = unvisited) ? 1. go to nbr. 41454 il (disc [sxc] < low[nbx]) { 2 - dow (src) = modh.min (low [nbr), orc is an ap; 3 Low (svc)) 515 5% else if (nbr = = visited) { low [src] = math. min (dow [src], disc (nbr))





o is not ap