From (a) d[u] = 2 but u is not descendent of v Hoyse who graph is . Oidn't understand 181 < 1V12 => lq181: O(lqV) it there are no (p) multi edges. (c) No, idea (UZ: Store discovery time and zivishing time using dts, u will be ancester of v it and only it a discovery time is earlier and finishing time is later than that of V.

OFS Tree 4-1+1=4 - loop1 4-0x1=5 - loop2

104. For adjacency list: square (G): 1. G, = Ga Fox vin G.V: for v in adj[v]: For w in adj [W]: 4. Cy -ad; [v] -add (w) 5. Remove duplicates in Co. Bo return C, -> This routine will work in O(VE). Adjacency matrix: me con convert adjacency matrix in adjacency dist in o(v2) and run the same subrouting Ob. coincharge (coins [], tanget). 1. n = coins. Bize de [o.... torget] initialized to saxo 3. For (int i=0; \ Z=torget : i++) Tor (int ; = B ; j 2= m ; j++) if (cointil = i) 4. (Li]nio - [i]9b, [i]9b) nim = [i]96 5. 6. return op [taget]