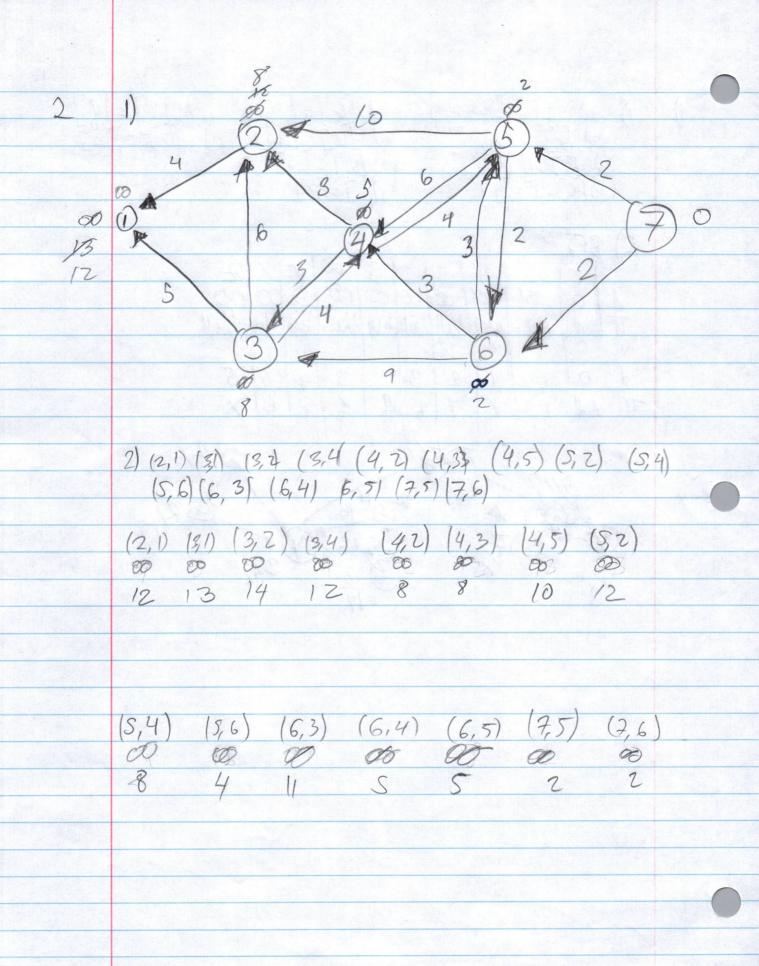
ads[7]=[9=ads[7]=[x= 1) adj[r] = [u, y] adj[s] = [v] adj[e] = [x, y]al)[x]=[z 2) BFS/ 100 2 3 8 0 4/17 1/20 3)



3) Bollowan Gord's algorithm as long as flere are no regative cycles Every coge is negative verget G(V, E) . So Source vertex d'Armoree for & ma[v, 8] if No Zd[u] Relaxall edges k times Relaxaton relap (u, v, w) if dry > dtw/+w(uv) return false. Negative Cyde

4) G= (V, GW) SEV TIS] = 0 to be USTHER again it must be a cyclic graph, à no be updated for 7725]=0

the edge must be negative: it, s
a negative cycle through s 2) Stop Wen find Vertex S or the vertex is grayed to his been seen before. Stop & outpay If Neve is a negative orde through S So that TTED doesn't get ciplesed