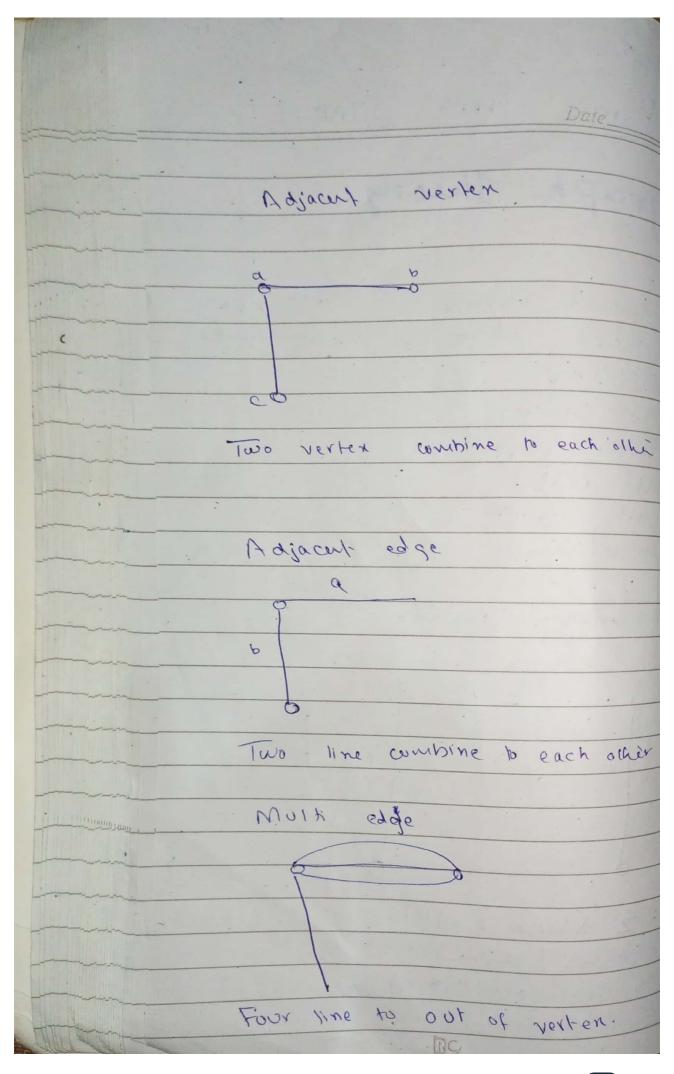
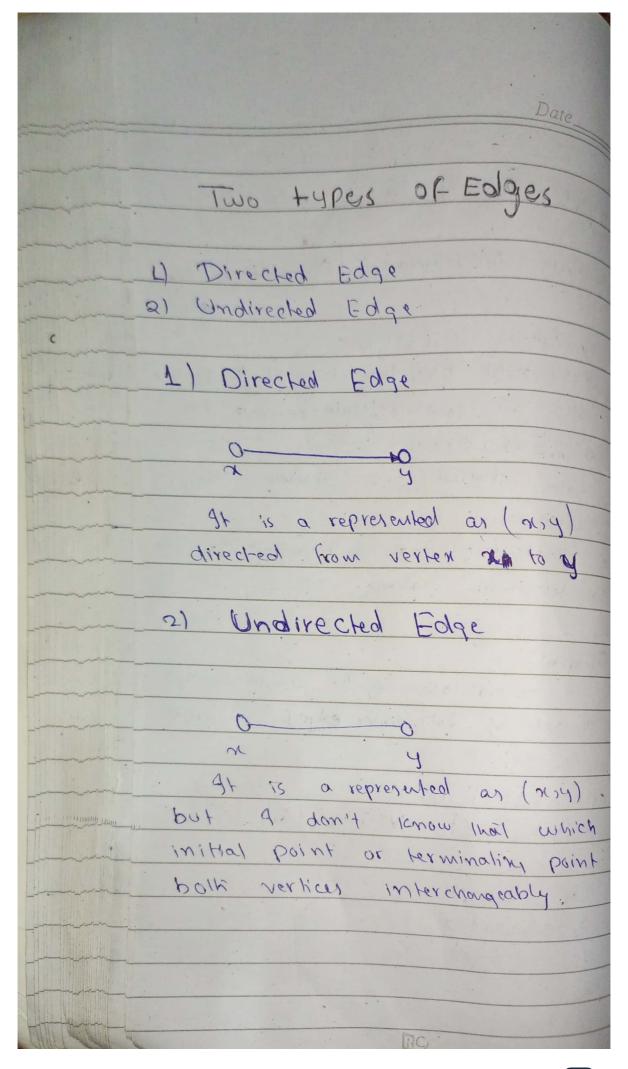
28/11/22
FINIAL TERM STARTED
FINIAL TERM STARTED
GOOGLE Map Google map (exaple Edge - palk Adjacent vertex Adjacent edge self 1000 Multi edger Pseudo graph (SL, ME) Mulk graph Simple graph Lemma Hard Shaking 2 2 5 d(N=2\*1E1 Edger (1,2,3,4,5) vertex (a,b,c,d,e)

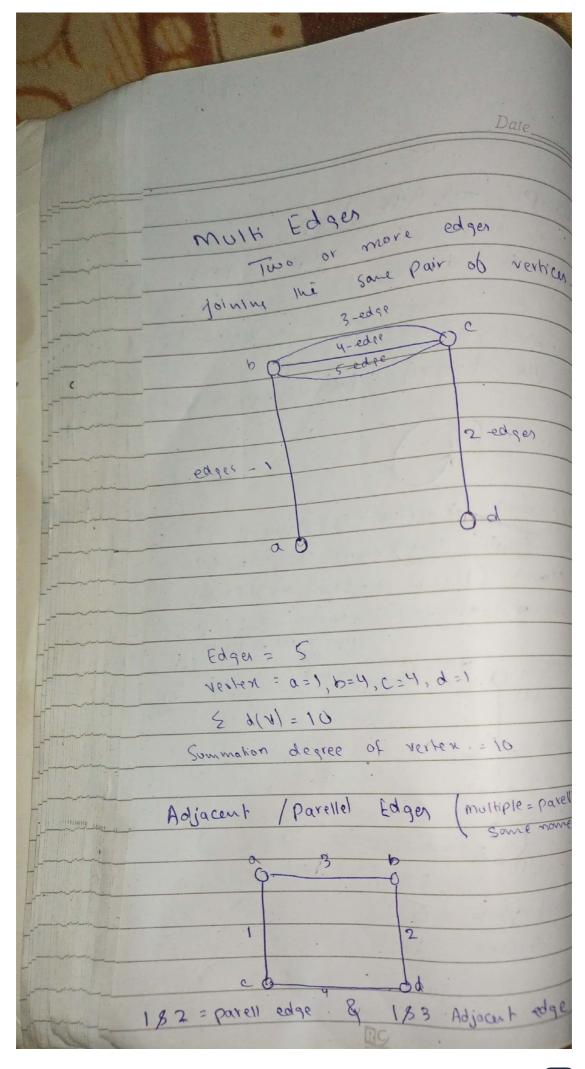


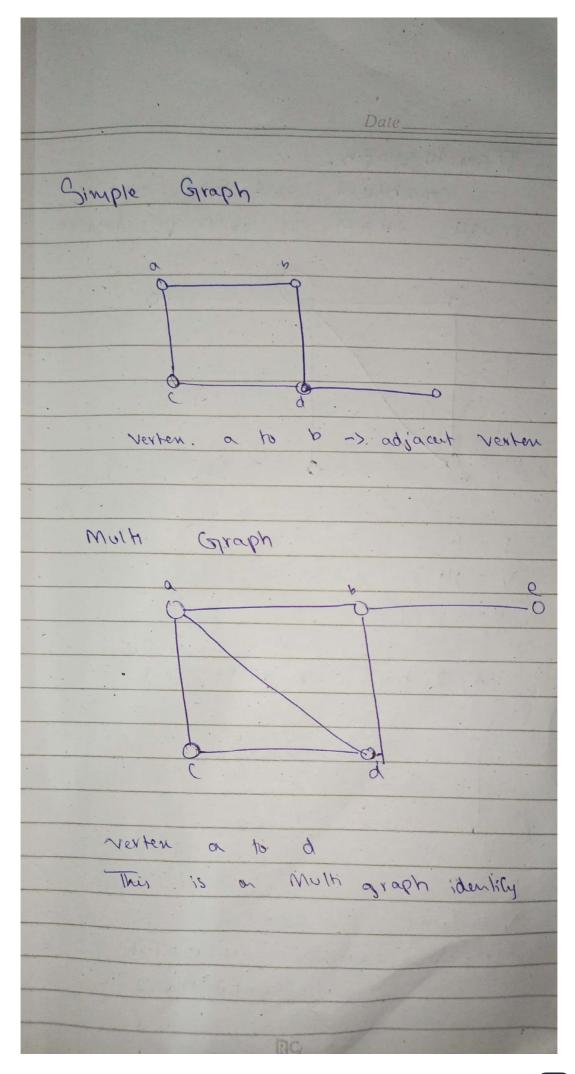


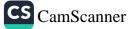
Graph Theory. varying Application (examples \* Computer Networks -# Distignuish b/w two chemical compounds with the same molecular formula but different structure, \* Solve shorlest park problem blu cities. \* Scheduling exam and anign channels to television stations. Graph. A generalization of the simple concept of a set of doly links, edges or arcs. Representation. G=(V,E) = V(G), E(G) G = Graph N = Nertex E = Edges

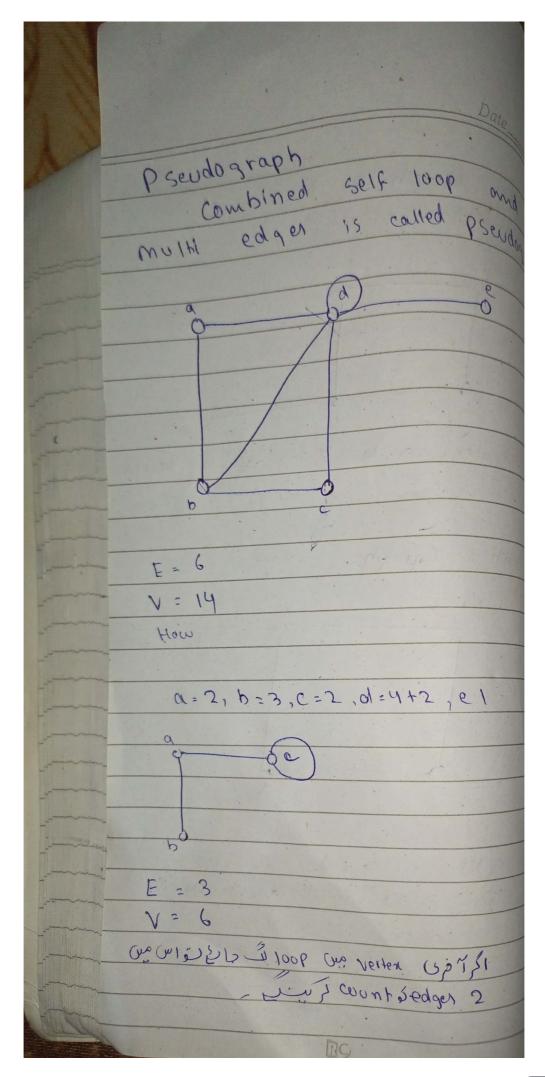


LOOP -> Self Loop A 100P is an edge whose endpoints are early i.e on egde joining a resten to it self is called loop. example (x,x) = (x) -> represented Fast count of Nexter ( Cast gedree & is edger co cold Lin & count 2 ps is 20 degree(2) a pala color degree d 5-edge & degree(e) in scount (1) with so in our out of count Self 100p Edges = 5 vertex = 12











Directed Graph (ordered pair) G(V)= { P, OV, r} G(E) = { (P, OV), (V, P) } Undire ched Graph (mordered pair G(E) = 9 (P) 2), (V,r), (P,r) 3



