SUSH ANT Classmate LBM19CS164 ADA - Jest 1 worshall. C. Hirolade Cstdio. L) # delive UY void print Solution (introach CJ[v]); void transitive Vorune (int graph [][v]) int reach [UJ[U], i,i,K; bes (1=0;120;14+) 6a (j=0 ; j < U ; j++) reach CiJCjJ = graph CiJCjJ; ba (K=0; KCU; K++) faci=0; icu; i++) ba (;=0; ; < 0; ; ++) roach [i][j] = roach [i][j] Croad [i][k] 88 roach CKJGJ pint solution (road);

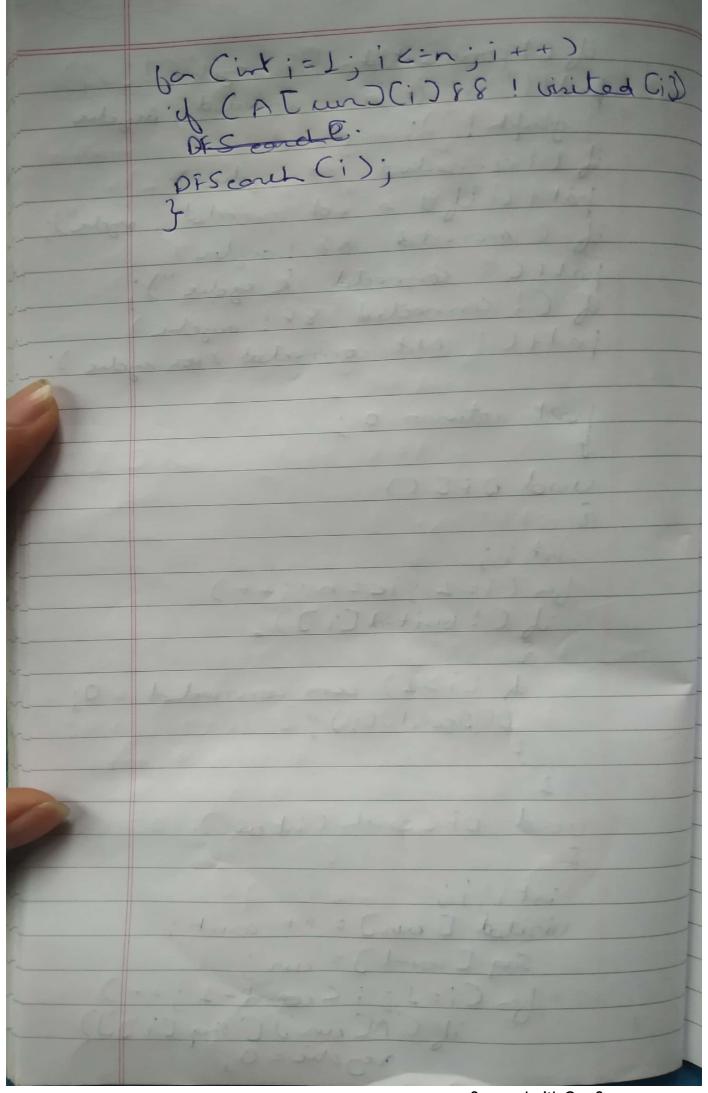
void point Solution (int neal ()(U)) point (" bollowing matrix is foursitive);

point (" dosume of the given graph in");

ben (inti=0; icu; itt) la (intigio 0; je U; je E0,0,1,0,03 = EUJEUJ = & E0,1,0,03 transitive Wevera (gouph);

Modification I include (stdio L) Himbudo & stalled, h) int AC20) (20), visited [20], Court = 0, n; int sog [20], commacted = 1, acyclic =1; ucid DFS (), vaid of Scorch (int un); int rain () print f (" In Enter ro. of vertices: "); Scanf ("% d", 8n); print f (" Ester de Adjancy mation CL(0):\n"): for (i=1; ; <=n; +++) 6a(j=1;j(=n;j++) scant ("/= 1", 8 AC; DC; D)6 point (" The doapth first scock Jourseard (n'). DFS(). for (i=1; i <= n; i++) part (" % c, % od it", 'a' + seq [i]-1

if (convected & & ocyclic) point (" In It is a convected, Augelia if (! connected 88 acyclic) point (" led et is not connected, orgetie"); if (connacted 88! auglio) poitf(" cornected & cyclic"); if (! connected 85! augulie) point (" Not connected Y non englic); post return o: usid DFS () ba (i=L jie=nji++) of (! wisited (i)) if (i>1) commented = 0; Of Search (;); void OF Search (intoun) intili visited [wind = ++ count , Sog [court] = un' In (i= 1; i count - 1; ++ if CACun J [seg [i]])



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