(a) of (method W white a program to creek white give graps is connected or not warmy DFS method. of include a stdio h> int nicis, visited [10], queuc 16], front =-1, int odj C107 [10]; void byscint v) for ci=1; ic=n; i++) y c odjevicis de ! visited [i]) quem C++ mon = i; y c front e= son vioited [queux cfront 2] = 2; bys cqueme [front ++]); E ten the state of when of void main c) int V; pointy " Enter the number of vertices"? scorpe "1.10" (& m); Jorcb=1 i c E=n i c'++) & quemci]=0; Gisted CiT= 6; party c" Enter grape data is malin form !i) for ci=1 ice=n i i++) scorpe".1.d", & ody ciscis);

painty C" Enter the starting verten "> scor 2"1.1.0", a V); ges cv); painty c" The mode which on reachosh an 11 my for ci=1 ; ce= n; c++) if a visited a is ? printy c" 1.d (+", E); (v tows experses v) elee pronf " IFS is not provide not (13 th too) is a cle modes an teichel!? output > Enter the murser of vertices: 4 Enter grape data in mother form by com / conty +32 100) 0 110 Enter the Starting wester ?? The mode weeks are reachedle and 2 2 3 4 Himles 1 3 (443, 1000000) and the sample date in when four

Himelule coldio. 4) 365 2201 # Underde & comis. 4) int aczosczos, weres cros, n; void afractity & int i; some so Teach [V] = 2; for ci=1 ; ce=m; i++) if carvicis as 1 reachers 2 1 xmy c" (n 1.d -> 1.d", v, E); Asci); 1 2 and C' Im Co of so one Comber. int main (int arge, when Branger) & int i, i, count = 0; pointy i' (m Enter munder of vertices "); Day 211-1-21 14 m); for ci=1 jic=n ji+1 2 Teach [i] = 0; for cj=1; j== n jj++) a ところとうフェロ; Promy culm Enter the organing motion! for ci=1 ; è c=n; i++) for < j=1 ; j <= n ; j +>) Aconf E" . " d" , a a E E J C J) ;

dfs c2); pung c"(m"); forci=1 j ic=n iit+) I if creek CETI went + + ; if count==n) () () () recently (" In Goops to commeles") : Cisable else potanty (" In crops is mot commet u) Tetum 01 muse cest ange, chan to anye) of Output is Enter number of vertices ig Enter the odjacency motion 0 11) 0 00 6 0010 2 72 マ → ケー 4-+> Croops is commetted 100 C 3 = 1 3 C = 7 1 3 mm Acord 6 " 1-6" 1 6 0 5 (3 6.3)

in white I have his

purgery of two Benong Tree ; · Case I Indut : 500 = [1, 7, 2, 5] Doot 2 = C 2, 1, 3, mile 14, mile, 73 output E7, 4, 5, 5, 9, mull, 7] Espected [3, 9, 5, 5, 4, rule, 7] con II in Input + 000 2 = [2] voot2 = [1, 2] Output ->> Expected => [2,2] Sont om