11 BFS and DFS traversal.

#include <stdio. h> #include <stalib. h

stanct mode ?

Ent data;

struct mode. * next;

3 front = NULL, 4 acaa = NULL;

gooid enqueque l'int x) {

Exerct node # t = (exerct node #) maller (series (exerct node))

print (" queque i's overflowo")

elses t-> data=x;

t-> next=NULL;

if (front == NULL) {

E (FAV. WAN, J. A. EM.) 3 int dequeque () {

struct node *t;

if Cfront = = NULLD9 perint ("queque is empty")

Rednois X;

Classmate elseş 11 BFS and DFS transport 2 = front; n=t > data; front-front-> next; < A dishes to admit free (t) zetanna; Struct made + next; I LOVE - NULL, MAGAR - NULL! spoid enquesus lint x) [Ent isempt () & we have to be to the town to me Ef Cfant == NULL) & CINCIA = 11 & setun 1/2 de sugar of series return 0; Es dato =xi void bots (int i, int ricided [], int at I (20), int NE paintf ("bfs transal:"); enqueque (i-1); nohile (lisempt ())? u=degreque(); for lint V=0; V<n; V+7) 5 if latus[N]==1 fl risined [N]== b)} printf(1"/d", N+1) reisited [V]=1; Enqueque (V) 2

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good offs Cint i, int reisited [], int al][20], int n) ef (visited [i-1] = = 0) ? perint ("/.d',i);
qui sited [i-1]=1; for (int j=0; j < n; j + t) ?

Ef (a[c-17[j]==1 & 2 a a isi red[p]==0) ?

Afs(j+1; visited, a, n); 20 4 reid main () \$ int visited [20] = 503; int a[20][20]; int n, first; int count = 0, prints ("enter the number of reatices:"); Seant ("% d", & n); printf("ener the adjacency matrix:"); for lint i=D; i< n; i+1) g frær (ent j=D; j<n; j+)?

sænt (a % d = ", & a [e][j]) front ("the adjacency matrix: \n"); for (int 2°=0; i < n; 8++)? for Cint 9-0, j< n, j++)?

print (12/0 d t 1), a(2) (3), printf. ("("");



