Destance verter algorithm Laghar Freda won - adapteure S (1 + 10) 1260 77 460 Bell man - ford equetion dn (y) = min & ((n,v))
+ dv(y) 3 for each node yes a Jak Cl. n Distance vector souting is an asynchronous algorithm en which node o voends the copy of ets destance vector to all êts neighborrs, when node & receives new d'estance vector from one of ets nightsoning vector v, et varies the distance versor of v and uses the Bellmann ford equation to update ets own destance vectors * Also At each node to be seen to for all destination y in w! Drey) = e(2, y) for each neighbrus a Dw (y) = ?

rend distance vector Dn = [Dncy): y en N) to w wait (until it receive any destance vecter for each y en N: Daly = men & e(a,v) + Dr cy)3

Do all nigerous code . (= 1000) 4 (+ = 1000) header j'ele

degene MAY 1000 clar yours. router () 1 for (int i=0; i< man; i++) Dable old (i) = sable new [1] =99; void copy ()

for (i=0; i(n; i+t) i

adj-odd [i] = adj-new [i]; table old [i] = table - new [i] ent equal () {

for (ént i = 0; e'(n; i+t) }

(table-old (i) ! = table-nev[i] neturn void input U
cout « « Enter 1 if corresponding router ; (char ('A' +j) (esse ever 99 (

for (i=0; i+1)

if (i!=y)

coup (r char (n'+1) (r"";

matrix:", cout er 'n Enter Matrix:", for (l=0; l(n; étt) 1 Jable new (i) =0: else lin >> table new (i) adj-new [i] = char ('A' + i); gier the see of rouse unotice the Cout (cend l) pulsas for the post over rough roid man & build () for (int i=0, i'en; i+1) for (K = 0; i! = J) Lt (K(n); K++. èl (daber _ old li) 1 = 99) if (papele new [i] + oli] - Jane new [K]) (taple - new [t] Dable - new (K) = table new [i] + ofi). table new [] of the post of the court and the same roid hild table () ent i=0, j=0 while (i)=n)

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for (i=j, i(n) i++) 1 ~ (1) - copy (); ofi) bulld (i) : 3 for (=0; i(n; i++) ej (! ~ (1) · equal ()) ?

J=i break; 33 void désplay ()
cont (< distinateors for (p = 0; p(n; é++)

cut e e char ("A' + b') < e " "; cont < (outgoing dene.
for (1=0;i(n;l++) cout ex adj-new Cs) < " " cout (In nop Count; noied mani () & eout 14 " Enter no of routess for (i=0; s'(n) i++) r(i). enput (i). build. table (), rein. display ()
cont ((end e ! ! end !)