Class
CSE, CN Lab 1BM18CS079 0-8: Pistance vector Routing B2-Batch
 Code: # include (iostream) # define Top 10 int n;
char adj [TOP], adj old [TOP]; int table [TOP], table-old [TOP];
public: notwork() { for (int i = 0; i < Tob; i++) { table_old[i] = table[i] = 99;
Void duplicate (){ for (int j=0; j <n; j++){<="" th=""></n;>
foble-old (j] = adj [i]; 35
int equal() { for lint i = 0; isn; iff) { If (table - old (i) ! = table (i) ! adj(i) ! = adjOld(i) }
return 0;
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Void read() { couter "Enter 1 if corresponding router is adjacent to router" ((char)(!A'+1)) << "else enter 99"; for (int i=0; icn; i++){ if (i!=j) {
 cout << (cha()('A'+i) << "Enter Matrix"); fa(i=0; i<0; i++){

if (i==j)

toble [i]=0; cin>> toble[i];
odj[i]=(chd)(A'+i); elce void display(){

cout l' 'n Dest inotion Router: for (int i = 0; i<n: i++) {

couta (cha) (A + 1) ("Outgoing line: "; for (inti=o; i<n; i+t) {

contect " Hop count: "; } for (inti=o; icn; itt) {

contextable [i]

void builder (int j) { for (int i = 0; i<n; i+1) {

for (jnt k=0; i:1 = j) {{(k<n); k+1)}{

if (table=old(i) != 99) {

if (table [i) + (i) . table (K))

{ table-new(K) { table-new(x)= tatlo-newi) + (i] table_ New[K] adj[x] { (har) (h'+ i); ((107) void tablebuild(){ in t j=0; int j=0; while (i != n) { for (mi=j jicn; it1){ (Ci).copy(); for(i=0; i<n; i+t){

if (!r(i).equal()){

breck;

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void main() } couticiEnter no grouters"(("17.0P)", Cin 77 0% for (inti= o; izn; itt) { (Ci] Input Cili table build(1) for (i= o; ico; i++) { cout « Route table entressor router".

 (A'+i) «":-"; r (i]-display () cotaced; geten(1)