Aim- Insite a program for find puitable path for transmiss code-#include & bipletdett. by Uping names pace sta; thepine MAX 10 class routerd char adj-new[max], adj-old[MAX]; int table-new[MAX], table-old[MAX] + (2) vb() c1:+(3,9) + (1,5) + router() go) + for (int i= v j < Max, i ++) table-old[i]=
table-new[i]=99; int equal() 1 to and For Cint 1=0; 12n jict+) if (toble-old (i) 1= toble-new[i]/ adj-new[i]=adj-o(d[i]) setomo) Void input (int j) 9 cout < " Enter 1 for corresponding Youter is adjant to router 's
< (nor) ('Altj) < elpe q a: "Kendler" Couter "enter matrix"

fox (in+ i=0; ixn; i++) & table new[i]=o; cin>> tasle-newEij cout exerd; Void display () 2 couter" in dest muter: "; for (int i=0; i<n; i+t);

coutex" in out line";

for (int i=0; ixn; i+t) coutexadj(i couterain nop count"; for (int )=0; ixn; i++) coutex table [i]ks; void build-table ()9 int [= ] = 0; while (i!=n) of for ()=j; i<n; i+1)2 v(i)-bui(d(i); for (i = 0', ixn', i++) A if (!>[i] equal())1 break;

int main(12 coutex" enter no of routexp (x"xxmAxxx"): 01/250; for Cint i=o'i<n' i++) r[i].inputCi); build (); prolingitt) & cout xx" routes table entries for mover "xx (char) C'A'+) Xx":-1" (i)-display() Coutexendlx endl; OUTPUT! enter number of routexp (<10):5 enter 1 if router is adjacent to A elec 99: BCDE enkr matn'x: 1 19999 enter lif nover is adjacent to B doe 99: ACDE ener matrix: 99 99 199 enkrlif nourry adjacent to Felsegg! enkr matrix: 99 99 199

Dest router: ABCDE

Outgoing line: ABCDE

Hop count: 0 1 1 9999

dest noure : ABCDF

Outgoing Uno: ABCDE

Hop count: 1099 9999

mouter table entries for souter (:dept router: ABC-DE

out line: - ABCDE

Hop count: 199011

rovter table enmics for router D'dept router: A B CDE

Out line: A B CDE

hop (ount: 99 99 1 0 99

Nop Count: 9999 1990