10. dijlate Hinelude estdo-b Hirelude Clanioth Hinelude INFINITY 9999 dijlestra int HTMAX J [MAO], into int stogt node), Sanj (") 4 GT) [-7) prints " Enter the starty node"; diska (ar/n, y) word dijksteg [int atMAN][MAN]
int n int stourt roole 94
int cost[MAN][MAN], Walstone [m] narzo Shot by uday

int Visited [MAx], count in distance, nextree, Jos (j=0; fcn; itt)

Jos (j=0; fcn; itt)

Coxt [i][j]= INFINITY.

The Jor (i= o icn-itr) distance (i) = Coxt [Starnod] (i) o;

pred [i] = Startnode;

Visi7ed [i] = 0; distant [stoutmide] = 0', Visited Estartneole - 1' Count = 15 while (count end) } mindistane : ENFINITY;

for (i=0 i kn , it f) &

laistane (i) & minds tone the i

Nisited 5:7) &

mindistane distance (i);

north node = i; visited [mentingale]=1"

- Jor [i=0: icn", ity)

i) [i visited [i]]?

i) [mindle tane Trust mide] [i] destane GJ nal Shot by uday

distant Tita - mindistante + Cost Frestmi path = 3 = 0 = 1. prad [i] = nuttrade; print (" n path= "d", i) Enter the no of Vurtices: 4 Enter the adjusting matrix. Enter the starting ned:]

Postone of 0 = 1 Détant 0/2 21 Distant of 3 = 2 narzo Shot by uday