TRISHUL 19 181919CS173 Cablest-2 1 Point #include 2stdio.h. int minkey (int key [], int mot Set [], into) int min = 100, min-index; int v; -66 ( v=0; v<n; v+t) if (mst Set [v] = = 0 gg key[v] < min) min = key [v] min-index = V netwon min-index; int proint MST (int porcent (ro] int graph [ro] (ro], int n) ? int !, printf ("Folge It Weight In"); for (i=1; (=n; i+1) printf (1 %d - %d / + %d In " povent [i], i, graph[i] (forent (i))

upid point95 (int graph[10][10], int 1) int posent[n]; int key[n] int mot Set [n]; int i, count, u,u; fob(1=0; 1<0; itt) key[i] =100, mstSet[i] =0; key [0] = 0; panent[0]=-1; For (count = 0 ; count = n-1; count++) f U = minkey (key, motSet, n); mstSet(0)=1 for (u=0; U×n; u++) if (graph[v][v] & & mot Set[v] == 0 & & graph(v)(v)<key(v) parent[v]=v, key[v]= graph[v][v];

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Lecon 12 (Chapter dady )
    point MST (poient, graphin);
$ int main()
 int deablied [w].
 int ij,n;
printf(" Entor numba of modes (");
Scart (1%d", &n);
points (" Entor adjacency mateix (n");
 for (i=0; i<n;itt)
    for (j=0) jen (j++)
         scanfl"%d", & graph [i] (i]);
  prim MST (graph , 1);
  zetwin o/
```

JA L ear tra linea Madification 1 @ Take the input as C start the program by making visited[2]=1 So that we can exclude . C and start execution of same points agorithm annak its corresponding as infinity. mot. Set (specified node) = 2 for (1=0; izn; i++) { foe (1=0:1] < 1) {

if (i = = specified-nade 1) == = specified nade)

graph[i][i] = 999;

-from above pseudocock we we excluding a by making it's distance 999 wish other mode.

