1BM1865043

Pistara Vector Poutin

Program

class Network.

des _init_ (self,n);

des -init--

self matrix = D

self-n=n

def addlink (self, u, v, w);

Self matrix append (cu, v, w)

det printtable (selt, list sec)

print (" Vector Table of 83" format (chr lord (A)+srd))

print (" 203 1+ 113 " format 1" past ", "cost"))

for in ronge (sels.n)

Print (" {03 \ + {13" format (chr (or))(" A")+i)

dist[i]))

def algor (self, sec):

dist = [99) * sels. "

Aist Esrade o

for _ in range (self n-1);

for u, v, w in self notrix:

if tis [u] != 97 and dist[u] +w < dis[v]:

Liet [N] = Jist [M)+W

self grint table (1 st, svd

1611865043

def main ().

matrix = [)

print (" Enter No of Nodes ")

n = int (input())

(vint (Enter the Adjacency matrix ")

for in range (n);

m=list (map (int, input() split (")))

matrix. append (m)

g = Network(n)

for in song (n).

for j in range (n):

if matrix [i][j]==1.

g addline (i, i, 1)

for _ in vange (n):

g . al 1 rod -)

main ()

An PVK protocol each router informs its reighbour of topology charges periodically to e each router maintains a distance vector table contains the maintains a distance vector and all the distinations now distance protocoms are adapted from using neighboury distance vectors.