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Pistana Victor Algorithm to find suitable path for team nussion

elan Graph:

ely -init- (self, vutius): sey. V = vutices

self. graph=[]

def ordd-edge (self, s,d,w):

self. graph. append ([s, d, w])

def print_solution (self, dist \$; src):

print (" Vertex Distance from " secret")

i in range (self. V)!

print (" [03/t/t 513". format

(i, dist (i)))

def bellman-ford (self, sic):

elist = [float ("gn")] * self: V

dist [ssc] = 0

for _ in range (self. V-1):

for s, d, w in self-graph:

if dist[s]!= float ("9ny")
and dist[s] + w < dist[d]:

dist [d] = dist[s] +w

s, d, w in self-graph:

if dist[s]!= float ("gnj") and dist [s]+w < dist[d]:

print ("Graph contains negative weight cycle")

return

self. point_solution (dist 8, 820)

def main ():

materix = []

point ("Enter the no. of nodes")

n = int (input())

print ("Enter the adjacency matrix")

for i in range (0, n):

a = list (map (int, input (). split ("")))

makoù x. append (a)

g = lyeapth (n)

for i in range (o, n):

for j in range (0,n):

j mateux [i][j] == 1 g.adel_edge (i, j, 1)

zoi k in range (o, n): point ("For router", k)

g. bellmen-fold (k)