Question: Demerteral Dijkstr algo

: anto

Code ",

import sys.

ds & Graph!

dy . wit - (Self, Verter);

Self .V = Vertices.

Self. graph = [[0 for colum in orange (Verteur)]

for now in nange (Verkeier]

del buit solution (sey, dest),

Pount (" Kerter 1t Destane from Soion!").

for node in stange (Sey.V);

built (node, "It", dist (node)]

dul min Distance (bel sdist , Spt Set).

min = Sys. marize.

for Venorange (Sey . V';

if dist [V] / min and Spt Mt (V) == False:

min = dest [V]

min = inder = V

outour min-inder.

getin min- inden dut dijpster (Sey seve); dist - [sys. marize] & Set V dust (svc) = 0 Splist talse & Sey V. for cont in stange (hel. V), U = Self. min Distances (dist, Splat) Spl Set [a] = Eur. Vin grange (Suf-V); if Sett grapt [v](V) >0 and. Let Set (V) == Elan and. did (V]> dist(U] + Set graph [W][V]: dust (V) = dist (4) + Suf graph [u][V] Sel Buit solution (dist) g - graph (8). g graph =[[0, 6,0,0,0,0,0,8], [1,0,8,0,0,0,0,1]; [0,8,0,7,0,4,0,2]; [0,0,0,0,0,0], [0,0,4,14,10,0,2,10], [0,0,0,0,0,2,1,6], gditia(0)]. [8,11,0,0,0,1,8,1)].