Hay Mitter (N lab 1811/812006 & Diskston Algorithm class Topolosy: del -init - (seif, nodes): sell nodes = nodes sell-graph = ff o for column in range (nodes); elef print routing table (self): print ("Source It Destination It Distance") for node in range(self-nodes): point (f" eself ster It knocks it & usecf distincted det min-distance node (seit, dist, visited): min_distance = 1000000 for vin set range (self-nodes): if dist CV> 2 min-dist and not visitedly min_distance = dist (V) min-distace noele = v xetur min distance node det add-discet-connection (self, sxc, dest, weight) self. graph (src7(des)) = self graph (destalore) = weight det dijskra (selli svc): 884. dist: \$1000007 x self-nodes Self-dist [esic] =0 visited = [fase] x sey node for - in range (self nodes); U = seif. min-distance node (seil. dist, viv vnited CUZ=Tove Por vin 60 je (seif nodes): if self-graph[v][v] >0 and not visited CVJ

Ajay Mittur Bruscoop CN-Las classmate

Direction Agorithm Date

Page self. Gist CAJ > 2616. Gist CAJ + 2616. Graby Fros network = Topology (int (input ("Enter numbers)))
edges = int (input ("Enter of nodes)))
number of edges.")) for i in sarge (edges) netross add direct connection (src, dest, Network discotracore) network. print_routing-tables)