Slowba R Diskelonie algorithm) immirrouse I Thyport class Network: def - init (self, nodes): self-nodes - nodes self, glaph = C C O ja col in lange (node)] for ear in large (nodes) def plint table (self): Plint ("Soulcy It Destination It Distance") you node in lange (self. nodes): plint (sta (sey, sed + "It"+ Sta (mode) + " (t"+ sta (dirt (mole)) def min distance (self, dift, visited): min_distance = float ("inj") for v in large (self. node): if dist[v] < min distance and : [W] boisin ten min distance = dist (W) min node = V return mir rade. def diskstra (self, sic)! self. sic- sec self. dist = [float ('inj') * self. note sef. dist[sic] = 0 misited = [False] * self modes jol in lange (Self , nodes! 1) = min distance (3 el dist visited

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Misiled [U] = True for vin range (self, nodes): if self. graph [U][V] > 0 and not misited[v] and self-dist[v] > self-dist[v]+ Sey, graph[U][V]: self, dist(v) = self, dist(v)+ . 3 elf-graph [U][V]

self, print table ()