Digkstra's Algorithm

clase yaphi) def -init- (sux, vuetices); suy graph = [[0] * Meson vertices] * versi ces dift printsolution (seegs dist): for node in rangelsey-vs: print (node, "It", dist (node)) dy mindistance (suf , dist, spt set): min = sys, maxint for v in range (sux. v): ib dist [u] < min and spt Set[u] == Pales: min = dist [v] animinal x = v suturn min.index dijkstracsely, src): dist > [syx. maxin) + · sely. v die tesret 20 spt Set > [Raise] * Sue. Y for count in range (suy. V): re suy. min Distance (dist, spt set) - sptsut u] = True for vin range (self. V): is sey geraphtrize Is o and spt sett u] == false and dist ()

dist [v] - ais + [v] + suf. graphow]