WISTTRA'S AlmORITHM # midude < limit h) #include < stdio. h) # define y 5 int main() ant intadi for the distance matrix)

for (int i = 0; i < V; i++) forlintj=0, jKV, j+T) Seanf ("-1.d". & graph[i][i]); dj krtra (graph) Void djæstra (int graph CVJEV) int parentt VI int key (VI) bool mostselfy 7 fortent izo; ic V; ; tt) {

parent [i] z o buy [i] = INI_MAX mstset[i] = false key Co] = 0 parent(0) =-1 for lint Count =0; Count < V-1; Count +1)

int u= minkey[key, mst set]; mst set [u] = brue forlant ezo; re(V; rett) if (graph[w][v] && mst set [w]==falle & & Gene[V]!=INT_MAX
&& key[W] + graphluTv7

< key[V]) . hugty] = heytu] + graph (U)[V] point (ky): int minkey (int ko), bool & most set (7) int min = INT_MAX; int min Inden; for (int i=0; i<V; ite) if (hy[i] < min) min = key[i] minIndu = i return mintenden.