- Cycle 2 lab 3 Sadin Shreetha 18M16CS142

cinclude < limits. h) # cinclude (statio. 1) # Lefine Vg int min Distance (int dest [], lost spleet []) unt men = INT-MAX, min_inlex; for (cirl 0=0; V < V=, U++) if (sptset [V] = = false Is dist[V] <= ones) min = Lest[V], min - indest = V, cretion men index; void print Solution (int dist []) Printf ("Vertex |t| + Distance from Source \n"). for (will =0; 120; i++) printf ("/. d |t| +1. d |n", i, dust [1]); doid diplotera (wit graph [V] [V], vit erc) int dest [v] bool spt set [V]; for west = 0; i < v; i++) dest [i]= INT_MAX, spl Sel [2]= false; dist [sec]= 0. for (int issuent = 0; issuent < V-1; issuent ++) \$

int u= min Distance (duit, spleet). spt Set [U.J. Bull; for (cint v=0; NLV; N++) for Colspellv388 oraph[v][v788 dist[u]!- INT_MAX LL dest [v]+ graph [v][v] (dist[v]) dist [V] = dest [V] + graph [V] [V]. Print Solution (dest); int nown O int graph [V][V]= SS 0,4,0,0,0,0,0,8,03, 44,0,8,0,0,0,0,11,04, 50,8,0,2,0,4,0,0,0,23 40,0,7,0,9,19,0,0,0g, 40,0,0,9,0,10,0,0,03, of 0,0,4,14,10,0,2,0,03, 90,0,0,0,0,2,0,1,63, 88,11,0,0,0,0,1,0,73, 10,0,02,0,0,6,7,047, dy bestia (graph, 0); return 0;