PAGE NO: Bellman-Ford It include (Stdioon) int Bellman-Food (int G1[20][20], int v int E int edgo [20][20]) int in U. V. K. dictanco [20], Pagent [20], S. Flag goz (1=0', 1(v; 1+1) dictance til = 1000, Pagent (12 = -1) Paints ("Enter Sourco:"); Sconf (1101.d11, 85) distance [5-17=0; gos (1=0; 12 V-1; 1++) for (K=0; K(E; K++) u = edge [x][o], v = edge [x][i]; ig (distance [U] + GI [U] [V] & distance [V]) distance CVJ = distance lu T + Gr (u) CVZ, Pagent CVI=u; FOO (KOO; K(E; K++) u = edge [k][o], v = Edge [k][i]; y (distance [u] + Gr [u][v] (distance [v]) distance (V) = dist glag 20; int (flag) gor (9=0; 9KV; 9+4) Printy ("vegtex "1.d -> cost = 01.0 Pagent = 010 d /nu it1,

distance [i], Pagent (i]ti); return Flag; int main U int v, edge [20][2], G, [20][20], 111, K=0; Printy (" Bellman Food In"); Printy (" Enter no of Veriteces: "); Scang (" old" ( & V); Points ("Entea grouph in matrix from: mi) for (120; 1KV ; 1++); Sor ( j=0; j(v; j++) Scang (""1", & G ["][]]; it (0.017017120) edge [K][D]= 1, edge [K++][1]=j is Bellman Ford (air Vikiedge) Paints ("A'n NO Negative neight yell hi) Prints ("In Negative weight yell exist /n"), relugn 0)