Ajay Mittur 1811/1615006 Distance Vector Algoritm class Topology: det sinitalsell, array-of-point): Sell edges = 13 des add edge (seif, pr. p2, cost). selledserappend ((pl. p2, (ost)) self. edges. append ((p2,p1, (0s7)) olef bellman ford (self): impor collections for node in nodes dist = collections. defauthdid (int) for other node in nodes: if other node = 1 = node: dist Lother node] = 1000000 # Bellman Food i in sange (len (self-nodes)-1): As edge in self edges: dist (edger 1) = min (dist (edge (T)), dist ceds (O) + edge(2) point-routing-table (node, dist) andef maino: nodes = input (Enter nodes) split () + = Topology (nodes) edges = int cinpt (Frites number of eggs: for i'm songe (edges) U, V, cost = input c'enter CUI [V] (COST) t.add-edge (U, V, int(cost)) 1. 5 bellman-food ()