Name: K. Avashya VSN: IBM17CS034 WAP for distance vector algorithm to find pay for transmission Class distrector. def- init-(self, n); self . matrix = [] self.n=n def. nen Edge (Self, u, v, w); self. matrin, append ((u, v, w)) def display (self, dist, src); print C'vector table of 23", format (chy Cord (A') + src)) for i in range (self. h); print (203, t 213 formal (chr Cood CA') + i distavis) def start (Self, sre); dist = [90] self.n dist [src] - o for - in range (self. n-1): for u, v, w, in Self- niatori. if dist- [v]: = 99 and dist [u] +wc dist [v] dist [v] = dist [u]+ W Self. display (dist, sre) print ("Enter the souters")

n = int (input)

print ("Enter the adjacoly neatrin

center the 999 for infinity):")

for i in sauge (n):