	Chandan	A.M.
	1BM18cs	025
		PHUNEO
	CN Lab	
	·	
1.	Distance Vector Routing:	1.
	E Mile Made	
	class Motwork.	
	defo -init- (self, n):	
	relf. matain = []	
	self.n=n	
	def add. Edge (relf, S, d, w):	
	self-matrix-append ((S,d,w))	
	det printlath (self, dist, src):	
	print ("Vector table of 33" format (ch	r (ord('AI)
	print ("Vector table of 33" format (che print ("Dost) t (Ost')	(((J82+
	for i in range (self:n)= print (." \(\) 03 1 \(\) 2 13 ". format (chr	
	print C. " 2031 t 213". format (cho	(od ('A')
		ti,
		dust(1)))
	det also (self, &r ():	
	diet = E99] * self-n	
	dust [src] = 0	
	for in range (self. m-1)=	
	por S, d, w in self-matrix:	h 101
	if dist LSJ != 99 and dist) SJ+	co < distal:
	self print path (dist, ≻)	-
	self print path (dist, sic)	
	Chal	

name__= = "__ main__": mateir = [] n = wit (input ("Enter no of Routers")) print ("Enter the adjecency matrix") for i in same (n): now = list (map (int, input. split (" ")) matrix - append (vow) 2 Graph (n) for i in range (n) = for jun Range (n). if matrix [i][j] = = 1 =

g.addelge (i,j, matrix(i,j))

for i in renge (n) =

g.adgo(n)