23/11/2000 Aniruddh N.S 1BMI8CSDIS CN Lab Distance - Vector Algorithm to find mitable path for transmission class Graffi: def -init-(self, n): self. matrin = [] self.n=n def add Edge (self, u, v, w): self matrix append ((u, v, w)) def brint Arn (self, dist, sec):
print ("Vector Table of {3" format (chr (ord(A) for i'm range (self.n): + sid))
print ("{0}/tf13". format (chr (ord ('A')+i), def bellman Ford (self, src) dist = [99] * self.n dist [src] =0 for in range (self. n -1): for u, v, w in self matrix:
if dist[u] [:99 and dist[u] +wedist dist [v] = dist Cu] +w self printAzz (dist, sed) def main(): matrix = [] print ("Enter no of nodes: ") n = int(input()) print ("Enter the adjacency matrix: ")

