IBMI8CSOIS Animuddle N.S CN Lab-8 class Network: def -- init -- (self, nodes): self. V = nodes self. V= now in range (nodes) def print Table (self, dist, sze, path): print ("Shortest Path Table of { ?". format (chr (ord (A)+srd))
for node in range (self. V)

print ("{0}\t\{1}\t\{2}\\-"-format(chr (ord ('A')+node) dist [node] , path [node])) def min Distance (self, dist, sptset): min = sys . maxsize for v in range (self. V):

if dist[v] < min and sptSet[v] == Falx: min = dist TV7 min-index =v return min-index def dijkstra (self, sre). dist = [sys mansize] * self V dist [sre] = 0 spt Set = [False] * self. V for in range (self. v): path [-] =[] for _ in range (self V): U. self. minDistance (dist, sptset) sptSet[u] = True

