Ankitha 1BM18(5016 dy main (): matrix = [] pount ("Enter numbre of nodes") In sillingut()) pourt ("Enter the adjacuncy materia"); m= list (map (int, input (). eplit ("))) i in gange(n): for j in flange(n): if motoux [:][;] = = 1: g-addfdge(i;; 1 g-addfdge(i) - in stange (n): g. Short-path (_). clave Graph:

dy _init__ (ell, n

ref. matrine?] dy add Edge (My, u, v, w))

of rely matrix. append((u, v, w)) printeXcel

def prind Are (ref, diet, rec):

print ("Vector Table of 13". Jormat

(chr (brd (A') Asrc)])

for i in grange (ref. n)

Jorint ("103 1-1143". Jornat

(chr (8d (A') 4i) diet [1]) def shortpath (self, ere):

diet = (993 + self. n)

diet [ere] = 0. joi u, v, w in suff matoux:

I diet [u]!=99 and diet[u] +w < dixt[v]: diet [v] = diet [u] + w self. print Asur (diet, suc) (octol (oly) octol (octol) octol wast and when the different to print excel