1920dsam-03	4.2
Diffestrais Algorithur.	
Difficulting 19190111101.	
import sys	
class Graph: Manuelle and the	
class Graph: def-init-(Self, vertices): Self. V = vertices	
self. U = vertices	
Self. graph - Co for column in range	e Cuertices
Self. graph - [To for column in range (otices)
to be the state of	
def point Solution (self, dist): point ("Vester 1+ Distance from Source for node in range (self, V):	112
print ("Vester It Distance From Source	(e')
tor node un range (Selt, V).	<u> </u>
print (node, "It", dist[node])	
def vein Distance (self, dist, spt Set):	
act veinsiance (Stat, com, sprous.	-
win = Sys, maxsize	
for v in range (self. v): if dist [v] < vein and spt Setr	
if distruze vein and spt Setal	== falsei-
Their a dist V	
veininder = V	
return vein-index	

