1

SPLASH dof print_routing-table (self, node, dist, next-hop) print (f' Routing table for Enode 3: mint (Dest It Gest It Next Hop) for dest, cost in dist - items (): print (f' Edost 3 Lt Ecost 3 Lt { next-hop (dest) }') dof start (self): havs PROGRAM 7B: DIJKSTRA'S ALGORITHM (00E def_init_ (self, vertices): sect. V = vertices self graph = [TO for column in range (vertices) for now in range (vertice) def printsolution (self, dist): wint ("Vortex (+ Distance from source") for node in range (self-V): print (node, "t", dist[node]) def min Distance (self, dust, sptSet): min = eys. mox 812e tor & v in range (self. V) if dist [v] < min and spt8ef[v] = False min = dist [V]

2

	Dote							Date	
CHE	A198_			VURZ	7 -	-4 2		SPLA	SH]
	•	. n	11.m_1	ndex	V			, h. r. s. 1874	
il N	ЛО:	trurn 1	nin-	inden) : i	8 11		
				·	5 ye **	<u> </u>			
	def c	dig Kst	na (Sel-	F,8r	<i>:</i> (2		Viji.	Sa.
(inte	2201	= tack	[87	18 · M	oncei	zeJ	+ Se	Q-F-V	
dist [src] = 0									
		spt30t = [False] * 8elf-V : for cout in range (self-V):							
		for ce	out	Ĭn :	nange	(Se	Qf - \	102:	`
	e bb		3/80	eut.	min	1870h	0	18 test	otset)
			+8e+	- LO	John	rue	2		<u>\</u>
		For) also	in 770	ange	(8e)	$\mathcal{H} \cdot \mathcal{V}$	<u>) : </u>	
			1	self	gre	aphlo	7/1/	720	and
			8p-	t8e+		== F	alse	land	
	Colu	n. 70	du	of [v]>d	ist [c	1	self-gr	aphlu][v]:
((0	((1006. 7008) et 2 dist[v] = dist[v] + self								- Supplose
-	self-print 8 olution (Sed (dust)								
						: 170	1711	(المواجي	
					1.57			\ \.	
- 400 OM		5518						(Q,D)	
M. M.	toft	<u>ud</u> =							
		733	Phu	1 = 17	o Mile	1 - 10		***************************************	
				<u> </u>	str.	1	1 - 1	×1.	
	0 =	w (n							
			J-7-30A		-T 05				
		and the state of t		212				n de der vertilden den kannet fil der der der der der der der vertilen des latigassach und	
					400			136	
18	in sin	J. 10		CONTRACTOR OF THE PERSON NAMED IN	D 501	A CONTRACTOR OF STREET OF STREET, STRE			
			The second secon		The second		erfelderen gelgegebelte ihren er eine errore di procherie		
		and the state of t				A Particular Control C			
			de comit de la proposación de la comitación de la comitac						
		normalisma e con a monta alla alla alla alla alla alla alla a				Make in making an invite of distance of guida an			
•									•

I IND

______etoC