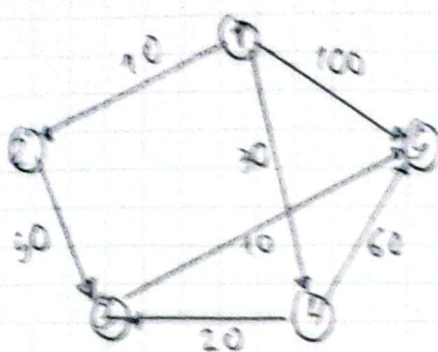


## Parte 2.



Passo	C	S	V	2	3	4	5
I	2, 3, 4, 5	1, 2	0	10	-	30	100
1	3, 4, 5	1, 2	2		50	30	100
2	3, 5	1, 2, 4	4		90		90
3	5	1, 2, 4, 3	3				60

$$D[w] = \min(D[v], D[v] + L[v, w])$$

$$D[2] = \min(10, 100 + \infty)$$

$$D[3] = \min(\infty, 10 + 50)$$

$$D[3] = [60, 30 + 20]$$

$$D[4] = \min(30, 10 + \infty)$$

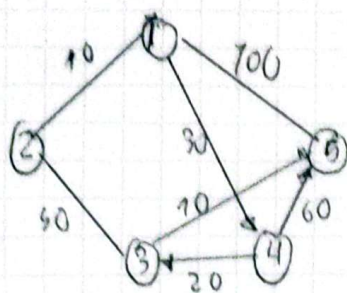
$$D[5] = \min(100, 10 + \infty)$$

$$D[5] = \min(100, 30 + 60)$$

$$D[5] = \min[90, 90 + 10]$$

	1	2	3	4	5
1		10	100	30	100
2			50		
3					10
4				20	60
5					

## Parte 2



	1	2	3	4	5
1		10	30	100	
2			50		
3				10	
4			20	60	
5					

Pasos	C	S	V	2	3	4	5
0	2, 3, 4, 5	1		<u>10</u>		30	100
1	3, 4, 5	1, 2	2		<u>60</u>	<u>30</u>	100
2	3, 5	1, 2, 4	4		<u>50</u>		90
3	5		3				<u>60</u>

$$1. D[3] = \min(\infty, 10 + 50)$$

$$D[4] = \min(30, 10 + \infty)$$

$$D[5] = \min(100, 10 + \infty)$$

$$2. D[3] = \min(60, 30 + 20)$$

$$D[5] = \min(100, 30 + 60)$$

$$3. D[5] = \min(100, 50 + 10)$$

