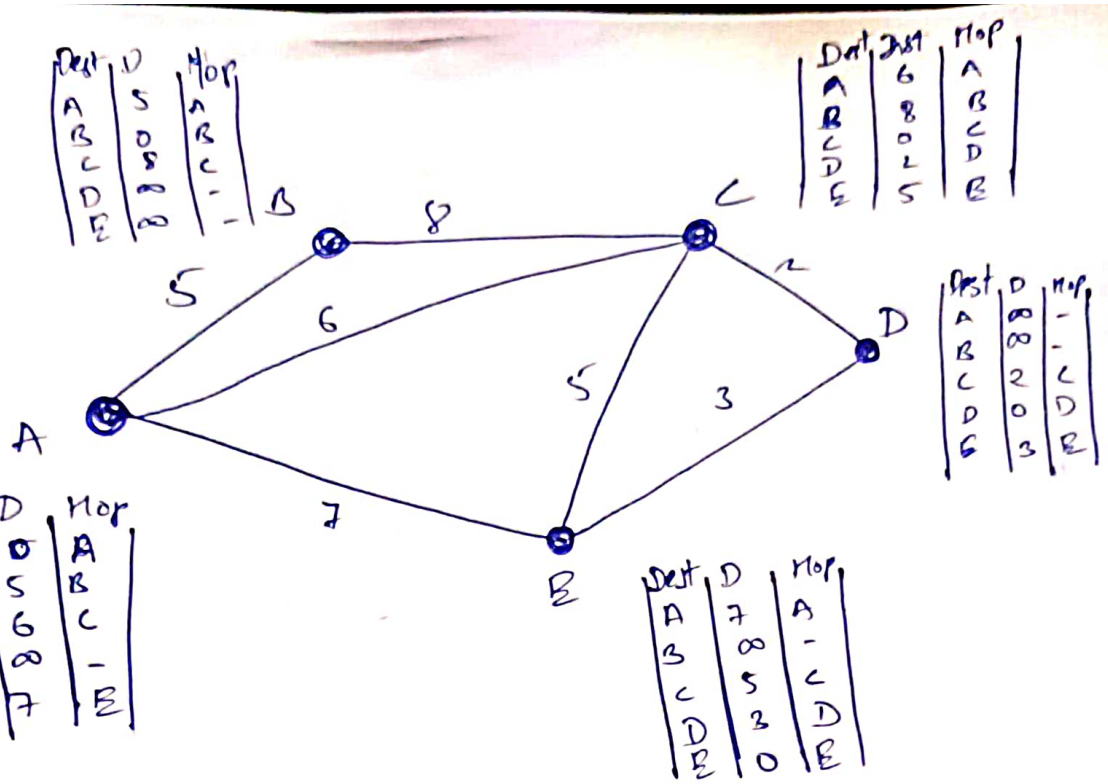

Dest	D	Hop
A	5	A
B	0	B
C	8	C
D	∞	-
E	∞	-

Dest	Dist	Hop
A	6	A
B	8	B
C	0	C
D	2	D
E	5	E

Dest	D	Hop
A	∞	-
B	∞	-
C	2	C
D	0	D
E	3	E

Dest	D	Hop
A	0	A
B	5	B
C	6	C
D	∞	-
E	7	E

Dest	D	Hop
A	7	A
B	∞	-
C	5	C
D	3	D
E	0	E

Step 1.

* A has B, C, E

Dest	B	C	E
A	5	6	7
B	0	8	∞
C	8	0	5
D	∞	2	3
E	∞	5	0

⇒

A

Dest	Dist	Hop
A	0	A
B	5	B
C	6	C
D	8	D
E	7	E

* B has A and C

B

Dest	A	C
A	0	6
B	5	8
C	6	0
D	∞	2
E	7	5

⇒

Dest	Dist	Hop
A	5	A
B	0	B
C	8	C
D	10	D
E	12	E

Step 2

* A has B, C, E (*New) A

Dest	B	C	E
A	5	6	7
B	0	8	12
C	8	0	5
D	10	2	3
E	12	5	0

⇒

Dest	Dist	Hop
A	0	A
B	5	B
C	6	C
D	8	D
E	7	E

* B has A and C (*New) B

Dest	A	C
A	0	6
B	5	8
C	6	0
D	8	2
E	7	5

⇒

Dest	Dist	Hop
A	5	A
B	0	B
C	8	C
D	10	D
E	12	E

* C does not change.

* C remains same.

* D has C and E

Dest	C	E
A	8	7
B	8	∞
C	0	5
D	2	3
E	5	0

⇒

D//

Dest	Dist	Nop
A	8	A
B	10	B
C	2	C
D	0	D
E	3	E

* E has A C D

Dest	A	C	D
A	0	6	∞
B	5	~~8~~	∞
C	6	0	2
D	∞	2	0
E	7	5	3

⇒

Dest	Dist	Nor
A	7	A
B	12	B
C	5	C
D	3	D
E	0	E

* D has C and E

Dest	C	E
A	6	7
B	8	12
C	0	5
D	2	3
E	5	0

⇒

D

Dest	Dist	Nop
A	8	A
B	10	B
C	2	C
D	0	D
E	3	E

* E has C and D (* New) and A

Dest	C	D	A
A	6	8	0
B	8	10	5
C	0	2	6
D	2	0	8
E	5	3	7

⇒

E

Dest	Dist	Nop
A	7	A
B	12	B
C	5	C
D	3	D
E	0	E

* Tables in step 2 are final because they did not change in step 2 after step 1.