

Enter Number of Nodes:3

Enter Distance between A - B : 1

Enter Distance between A - C : 2

Enter Distance between B - C : 3

After Initialization

A Table

Node	Dist	Via
A	0	-1
B	1	-1
C	2	-1

B Table

Node	Dist	Via
A	1	-1
B	0	-1
C	3	-1

C Table

Node	Dist	Via
A	2	-1
B	3	-1
C	0	-1

For A

From A

A 0

B 1

C 2

From B

A 2

B 1

C 4

From C

A 4

B 5

C 2

For B

From A

A 1

B 2

C 3

From B

A 1

B 0

C 3

From C

A 5

B 6

C 3

For C

From A

A 2

B 3

C 4

From B

A 4

B 3

C 6

From C

A 2

B 3

C 0

After Update :

A Table

Node	Dist	Via
------	------	-----

A	0	-
---	---	---

B	1	-
---	---	---

C	2	-
---	---	---

B Table

Node	Dist	Via
------	------	-----

A	1	-
---	---	---

```

C 3
From C
A 5
B 6
C 3

For C
From A
A 2
B 3
C 4
From B
A 4
B 3
C 6
From C
A 2
B 3
C 0
After Update :
Table
Node  Dist  Via
A      0     -
B      1     -
C      2     -
B Table
Node  Dist  Via
A      1     -
B      0     -
C      3     -
C Table
Node  Dist  Via
A      2     -
B      3     -
C      0     -

...Program finished with exit code 0
Press ENTER to exit console.

```