

INPUT 1:

8 20

0 1 4 7

0 2 3 35

0 3 3 32

0 4 5 51

1 2 3 32

1 3 2 22

2 3 3 31

2 4 3 39

2 5 4 40

2 6 5 52

2 7 5 53

3 4 4 44

3 5 6 61

3 6 6 62

4 5 3 34

4 6 3 37

4 7 4 42

5 7 2 21

6 5 2 21

7 6 2 20

OUTPUT 1:

Routing Table for Node No. 0 at Time 40

Destination	Path	Cost
0	0	0
1	0->1	5
2	0->1->2	13
3	0->1->3	10
4	0->4	30
5	0->1->3->5	16
6	0->1->3->5->6	18
7	0->1->2->7	28

Routing Table for Node No. 1 at Time 60

Destination	Path	Cost
0	1->0	7
1	1	0
2	1->2	25
3	1->3	21
4	1->0->4	32
5	1->2->5	32
6	1->0->4->6	35
7	1->0->4->7	39

Routing Table for Node No. 2 at Time 60

Destination	Path	Cost
0	2->1->0	12
1	2->1	5
2	2	0
3	2->5->3	17
4	2->5->6->4	22
5	2->5	7
6	2->5->6	17
7	2->5->6->7	25

Routing Table for Node No. 3 at Time 60

Destination	Path	Cost
0	3->0	14
1	3->1	8
2	3->2	15
3	3	0
4	3->4	21
5	3->5	16
6	3->4->6	24
7	3->4->7	28

Routing Table for Node No. 4 at Time 60

Destination	Path	Cost
0	4->0	17
1	4->6->2->1	17
2	4->6->2	12
3	4->7->5->3	21
4	4	0
5	4->7->5	11
6	4->6	3
7	4->7	7

Routing Table for Node No. 5 at Time 60

Destination	Path	Cost
0	5->3->0	24
1	5->3->1	18
2	5->6->2	19
3	5->3	10
4	5->6->4	15
5	5	0
6	5->6	10
7	5->6->7	18

Routing Table for Node No. 6 at Time 60

Destination	Path	Cost
0	6->5->3->0	27
1	6->5->3->1	21
2	6->5->2	23
3	6->5->3	13
4	6->7->4	24
5	6->5	3
6	6	0
7	6->7	6

Routing Table for Node No. 7 at Time 60

Destination	Path	Cost
0	7->5->3->0	28
1	7->5->3->1	22
2	7->6->2	22
3	7->5->3	14
4	7->4	18
5	7->5	4
6	7->6	13
7	7	0

INPUT 2:

8 20

0 5 4 7

0 6 3 3

0 7 3 12

0 2 5 23

1 4 3 12

1 2 2 11

2 7 3 20

2 6 3 34

2 3 4 13

2 4 5 23

2 6 5 12

3 7 4 35

3 4 6 50

3 0 6 42

4 6 3 12

4 7 3 23

4 0 4 41

5 7 2 20

6 5 2 32

7 6 2 58

OUTPUT 2:

Routing Table for Node No. 0 at Time 25

Destination	Path	Cost
0	0	0
1	0->2->1	12
2	0->2	9
3	0->3	9
4	0->4	5
5	0->5	7
6	0->6	3
7	0->7	10

Routing Table for Node No. 1 at Time 25

Destination	Path	Cost
0	1->2->0	11
1	1	0
2	1->2	4
3	1->2->3	16
4	1->4	10
5	1->2->7->5	18
6	1->2->6	11
7	1->2->7	8

Routing Table for Node No. 2 at Time 25

Destination	Path	Cost
0	2->0	6
1	2->1	7
2	2	0
3	2->3	6
4	2->6->4	9
5	2->0->5	13
6	2->6	6
7	2->7	4

Routing Table for Node No. 3 at Time 25

Destination	Path	Cost
0	3->2->0	11
1	3->2->1	7
2	3->2	4
3	3	0
4	3->2->6->4	14
5	3->2->7->5	18
6	3->2->6	11
7	3->2->7	8

Routing Table for Node No. 4 at Time 25

Destination	Path	Cost
0	4->6->0	11
1	4->1	9
2	4->1->2	12
3	4->6->0->3	20
4	4	0
5	4->6->0->5	18
6	4->6	8
7	4->7	11

Routing Table for Node No. 5 at Time 25

Destination	Path	Cost
0	5->0	5
1	5->0->2->1	17
2	5->0->2	14
3	5->0->3	14
4	5->0->4	10
5	5	0
6	5->0->6	8
7	5->7	10

Routing Table for Node No. 6 at Time 25

Destination	Path	Cost
0	6->0	3
1	6->2->1	13
2	6->2	10
3	6->0->3	12
4	6->0->4	8
5	6->0->5	10
6	6	0
7	6->7	12

Routing Table for Node No. 7 at Time 25

Destination	Path	Cost
0	7->0	5
1	7->0->2->1	17
2	7->0->2	14
3	7->0->3	14
4	7->4	10
5	7->5	10
6	7->0->6	8