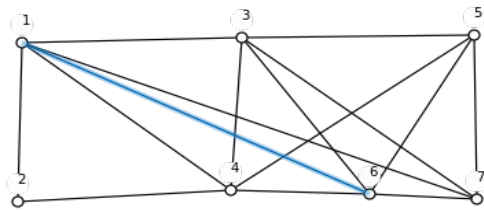# LAB 6.2 REPORT

NAME : L DILEEP KUMAR
ROLL NO : CS12B017

The input file is as follows

7 15
1 2 2 4
1 3 4 6
1 4 5 7
1 6 7 9
1 7 8 10
2 4 1 3
3 4 1 3
3 5 5 7
3 6 2 4
3 7 6 8
4 6 8 10
4 5 6 8
5 6 4 6

5 7 1 3
6 7 0 2

Routing table for router 1 at time 60
 Destination | Cost | Path
   1 | 0 | 1
   2 | 2 | 1
   3 | 4 | 1
   4 | 3 | 2-1
   5 | 9 | 3-1
   6 | 7 | 3-1
   7 | 8 | 6-3-1

Routing table for router 2 at time 39
 Destination | Cost | Path
   1 | 3 | 2
   2 | 0 | 2
   3 | 8 | 1-2
   4 | 1 | 2
   5 | 13 | 3-1-2
   6 | 11 | 3-1-2
   7 | 12 | 6-3-1-2

Routing table for router 3 at time 39
 Destination | Cost | Path
   1 | 5 | 3
   2 | 8 | 1-3
   3 | 0 | 3
   4 | 9 | 2-1-3
   5 | 4 | 7-6-3
   6 | 2 | 3
   7 | 2 | 6-

Routing table for router 4 at time 39
Destination | Cost | Path

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

Routing table for router 5 at time 40
Destination | Cost | Path

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

Routing table for router 6 at time 39
Destination | Cost | Path

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

Routing table for router 7 at time 39

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