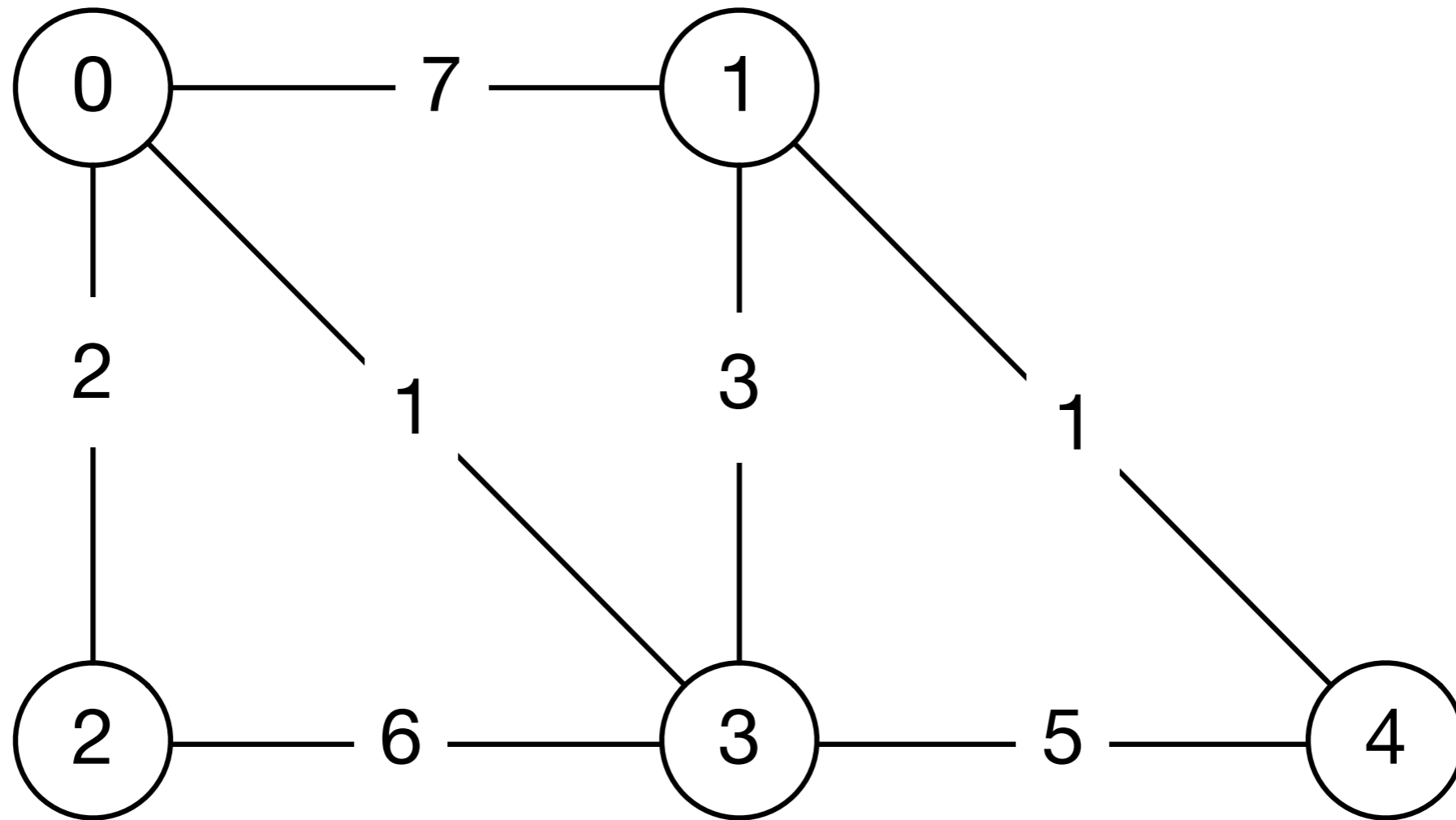
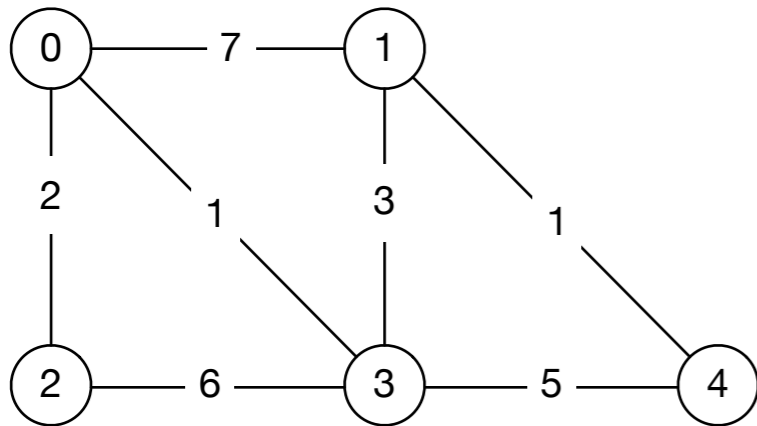


Group Exercise

Create the distance and initial next matrix



Initial Matrices



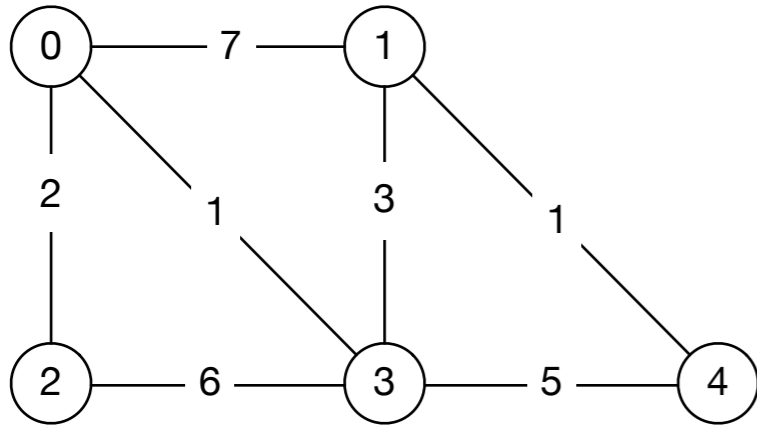
Distance

0	7	2	1	inf
7	0	inf	3	1
2	inf	0	6	inf
1	3	6	0	5
inf	1	inf	5	0

Next

-1	1	2	3	inf
0	-1	inf	3	4
0	inf	-1	3	inf
0	1	2	-1	4
inf	1	inf	3	-1

Update with 0



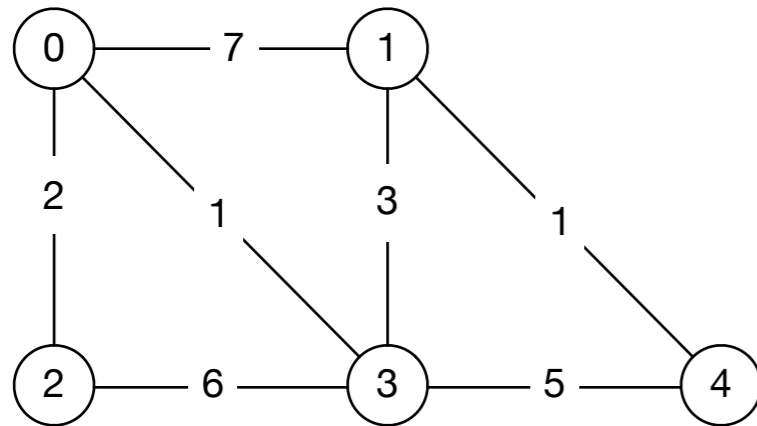
Distance

0	7	2	1	inf
7	0	9	3	1
2	9	0	3	inf
1	3	3	0	5
inf	1	inf	5	0

Next

-1	1	2	3	inf
0	-1	0	3	4
0	0	-1	0	inf
0	1	0	-1	4
inf	1	inf	3	-1

Update with 1



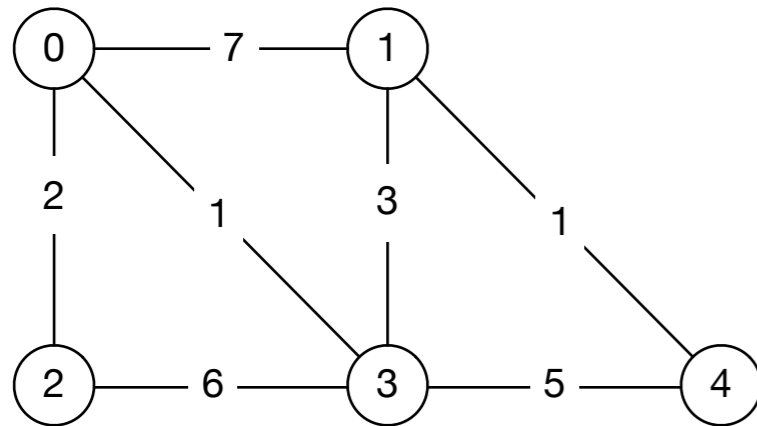
Distance

0	7	2	1	8
7	0	9	3	1
2	9	0	3	10
1	3	3	0	4
8	1	10	4	0

Next

-1	1	2	3	1
0	-1	0	3	4
0	0	-1	0	0
0	1	0	-1	1
1	1	1	1	-1

Update with 2



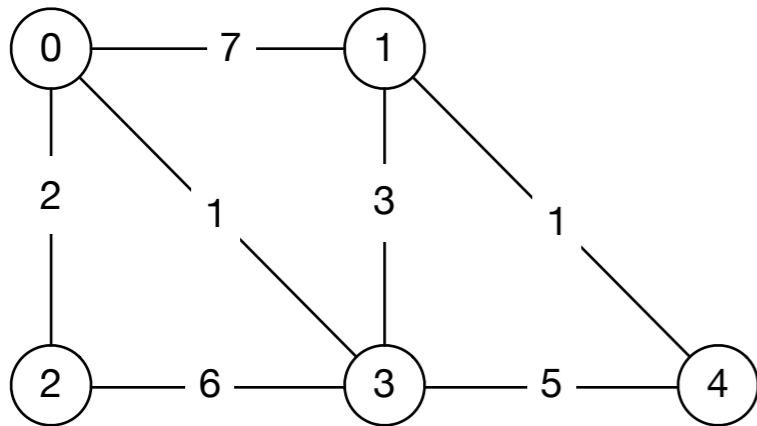
Distance

0	7	2	1	8
7	0	9	3	1
2	9	0	3	10
1	3	3	0	4
8	1	10	4	0

Next

-1	1	2	3	1
0	-1	0	3	4
0	0	-1	0	0
0	1	0	-1	1
1	1	1	1	-1

Update with 3



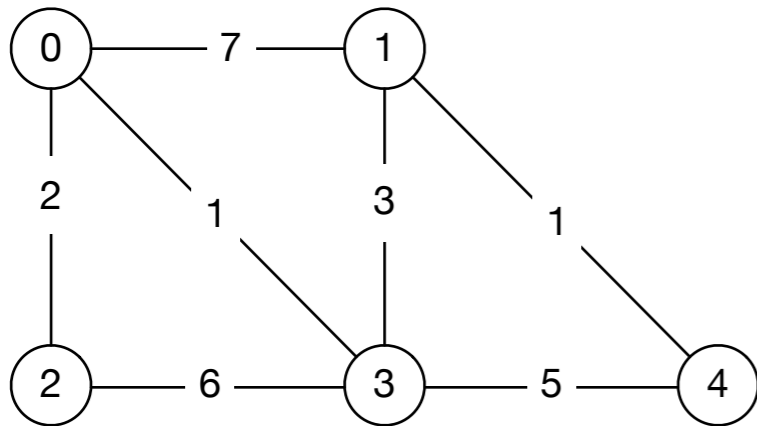
Distance

0	4	2	1	5
4	0	6	3	1
2	6	0	3	7
1	3	3	0	4
5	1	7	4	0

Next

-1	3	2	3	3
3	-1	3	3	4
0	0	-1	0	0
0	1	0	-1	1
1	1	1	1	-1

Update with 4



Distance

0	4	2	1	5
4	0	6	3	1
2	6	0	3	7
1	3	3	0	4
5	1	7	4	0

Next

-1	3	2	3	3
3	-1	3	3	4
0	0	-1	0	0
0	1	0	-1	1
1	1	1	1	-1