



Hash Table

0	1
0	2
1	3
2	3
3	4



Reverse

1	0
2	0
3	1
3	2
4	3

Projection

3	0
3	0
4	1
4	2

Concat

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

Union

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

0	1
0	2
1	3
2	3
3	4



3	0
3	0
4	1
4	2

4	0
4	0

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

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

0	1
0	2
1	3
2	3
3	4



4	0
4	0


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