



column pointers of A

0	1	2	4
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row indexes of A

0	1	0	1
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values of A

1	2	3	4
1	2	3	4
1	2	3	4
1	2	3	4
...			
1	2	3	4
1	2	3	4
1	2	3	4
1	2	3	4

values of B

0	5	6	7	0	8	0	9	0
0	5	6	7	0	8	0	9	0
0	5	6	7	0	8	0	9	0
0	5	6	7	0	8	0	9	0
			...					
0	5	6	7	0	8	0	9	0
0	5	6	7	0	8	0	9	0
0	5	6	7	0	8	0	9	0
0	5	6	7	0	8	0	9	0

values of C

0	0	0	0	0	0
0	10	0	0	0	0
18	10	0	0	0	0
18	34	0	0	0	0
		...			
18	34	31	32	0	0
18	34	31	32	0	18
18	34	31	32	0	18
18	34	31	32	0	18

col-1

col-2

col-3

col-1

col-2

col-3