

$O(n^2)$: ?

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

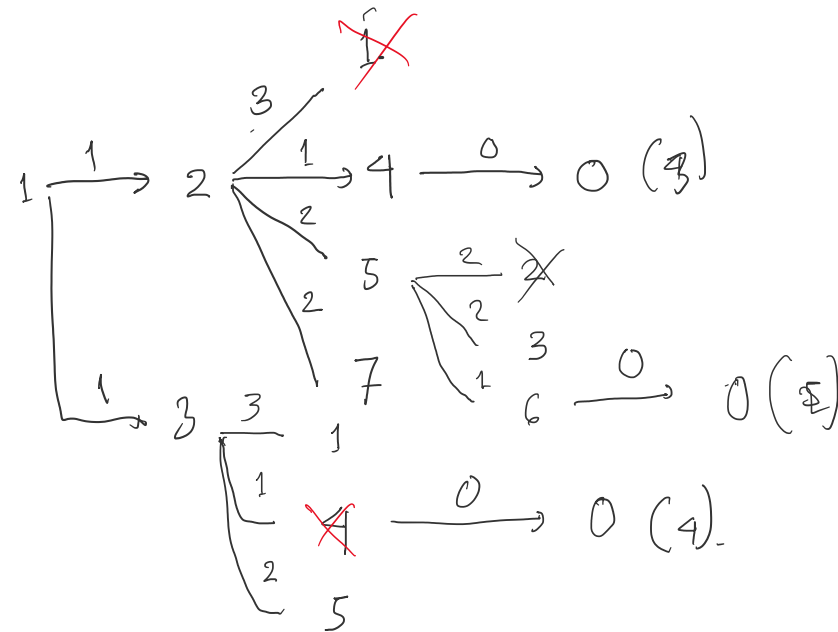
	0	1	2	3	4	5	6	7
0	0	3	2	2	1	2	1	2
1	3	0	1	1	2	2	3	2
2	2	1	0	2	1	1	A_2	1
3	2	1	2	0	1	1	A_2	B_2
4	1	A_2	1	1	0	B_2	2	1
5	B_2	2	1	1	2	0	1	2
6	1	A_3	3	3	2	1	0	1
7	B_2	2	1	B_2	1	2	1	0

Routing Table

	0	1	2	3	4	5	6	7
0	0	3	2	2	1	2	1	2
1	3	0	1	1	2	2	3	2
2	2	1	0	2	1	1	A_2	1
3	2	1	2	0	1	1	A_2	B_2
4	1	A_2	1	1	0	B_2	2	1
5	B_2	2	1	1	2	0	1	2
6	1	A_3	3	3	2	1	0	1
7	B_2	2	1	B_2	1	2	1	0

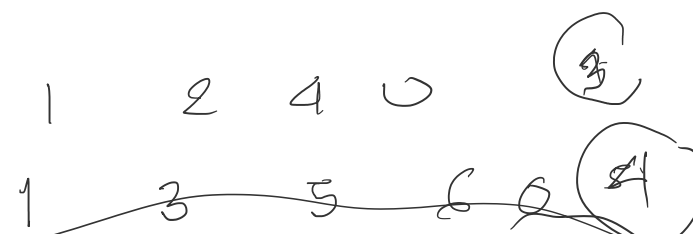
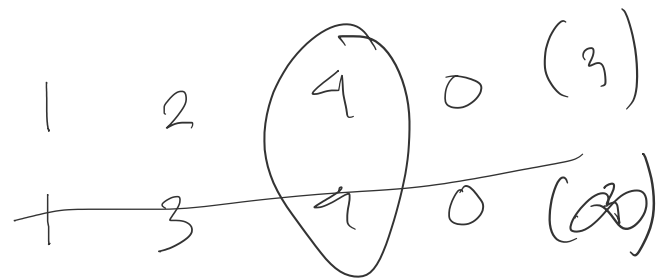
1) $\begin{bmatrix} 1 & 2 & 4 & 0 \\ & 3 & & \end{bmatrix}$
 2) $\begin{bmatrix} 1 & 3 \\ & 1 \end{bmatrix}$

struct {
 int ** path;
 int current_weight;
} t_solution



② connections from start
 find top 2 shortest path
 excluding intersect path

* execute route with minimum weight first



	L_1	L_2	L_3	L_4
1	3	2	1	1
2	4	2	3	1
3	0	4	3	2
4		0	4	2
5			0	1
6				0

6 turn

	L_1	L_2	L_3	L_4
1	3	2	1	1
2	4	3	1	1
3	0	5	2	3
4	0	6	4	5
5		0	0	6
6				0

4 turn