5	3	1	2	4	swapped_flag == False
5	3	1	2	4	swapped_flag == False
3	5	1	2	4	swapped_flag == True
3	1	5	2	4	swapped_flag == True
3	1	2	5	4	swapped_flag == True
3	1	2	4	5	swapped_flag == False
1	3	2	4	5	swapped_flag == True
1	2	3	4	5	swapped_flag == True
1	2	3	4	5	swapped_flag == True
1	2	3	4	5	swapped_flag == False
1	2	3	4	5	swapped_flag == False
1	2	3	4	5	swapped_flag == False
1	2	3	4	5	swapped_flag == False