

1						
	1					
		1				
			1			
				1		
					2	.
					.	2

Unique positions for 1's.

1	.	.	.	.	.	
	1					
		1				
			1			
				1		
					2	1
					1	2

Keep putting 234567 cyclically.

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

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

1	2	3	4	5	6	7
7	1	2	3	4	5	6
6	7	1	2	3	4	5
5	6	7	1	2	3	4
.				1	.	.
					2	1
					1	2

Three cells are already determined like in Sudoku.

1	2	3	4	5	6	7
7	1	2	3	4	5	6
6	7	1	2	3	4	5
5	6	7	1	2	3	4
2	.	.	.	1	7	3
					2	1
					1	2

We must slightly break the cyclical pattern.

1	2	3	4	5	6	7
7	1	2	3	4	5	6
6	7	1	2	3	4	5
5	6	7	1	2	3	4
2	4	5	6	1	7	3
.					2	1
	.				1	2

Without loss of generality, two remaining 3's can be put here.

1	2	3	4	5	6	7
7	1	2	3	4	5	6
6	7	1	2	3	4	5
5	6	7	1	2	3	4
2	4	5	6	1	7	3
3	.				2	1
.	3				1	2

Move from left to right and use Sudoku logic again.



1	2	3	4	5	6	7
7	1	2	3	4	5	6
6	7	1	2	3	4	5
5	6	7	1	2	3	4
2	4	5	6	1	7	3
3	5	.			2	1
4	3	.			1	2

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

(Two last rows can be filled by using for-loops with if-statements.)

1						
	1					
		1				
			1			
				1		
					2	1
					1	3

Case II  
can be done in similar manner or...

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

Put 1345672 cyclically...

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

and just swap two last rows.

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

Thanks to mnbvmar for the solution.