SHADE SOME OF THE CELLS.
NO NUMBER STAYS TWICE IN A ROW OR A COLUMN.
SHADED CELLS NEVER TOUCH BY A SIDE.
ALL THE OTHER CELLS STAY CONNECTED.

5	5	2	5	1	6	4	8	7
6	7	3	1	5	1	4	5	2
8	3	6	8	4	5	2	3	9
5	9	4	6	7	2	8	5	1
3	5	5	1	7	2	1	5	8
9	4	8	5	2	1	1	7	6
9	3	9	8	8	2	5	6	4
5	2	2	8	9	4	5	1	8
7	8	1	6	6	5	7	4	5