Input and output formats.

The input and output format for a board is the board size N followed by the N-by-N initial board, using 0 to represent the blank square.

Input	Output
3 0 1 3 4 2 5 7 8 6	Minimum number of moves = 4 0 1 3 4 2 5 7 8 6 1 0 3 4 2 5 7 8 6 1 2 3 4 0 5 7 8 6 1 2 3 4 5 0 7 8 6 1 2 3 4 5 6 7 8 0
3 1 2 3 4 5 6 8 7 0	Unsolvable puzzle