

Round 1.

PROBLEM 1.

Program the process transforming figure arrangement in A into that in B. A figure in a cell can be transferred into any one of neighbouring empty cells; in the case of such transformations the cell previously occupied by the figure becomes empty.

7	3	5	14
	4	9	13
1		2	10
11	8	12	6

A

1	2	3	4
5	6	7	8
9	10	11	12
13	14		

B