SLASH PACK

The grid contains numbers from 1 to N in some cells. The goal is to divide the grid into regions by placing diagonal lines in some empty cells.

Each region must contain the numbers from 1 to N exactly once.

Two diagonals cannot cross in one cell and there cannot be any loose ends.

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