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.

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