FILL EVERY EMPTY CELL WITH 0 OR 1.
NO MORE THAN TWO EQUAL DIGITS NEXT TO EACH OTHER.
AS MANY 0 AS 1 IN EVERY ROW AND EVERY COLUMN.
NO TWO ROWS ALIKE, AND NO TWO COLUMNS ALIKE.

		1	1				0				
0	0							0			1
				1	1						1
1							0	0		0	
	0		1								
									1		
0			0								
0		1					1	0			0
		1				0	1				
	0			1				0			
	1	1				1		1		1	