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