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.

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