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

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

1	1	1	1	1		
	1	1	1	1	1	
1		1	1	1	1	
	1	1	1	1	1	
1	1		1	1	1	
1	1		1	1	1	
	1	1	1	1		1
1		1	1	1		1
1	1		1	1		1
	1	1	1	1	1	
	1	1	1	1	1	
1	1		1	1	1	
	1	1	1	1		1
1	1		1	1	1	
	1	1	1	1	1	
1	1		1	1		1
1		1	1	1		1
1	1		1	1	1	
1	1		1	1	1	
1	1		1	1	1	
1		1	1	1	1	
1	1		1	1	1	
1		1	1	1	1	
1		1	1	1	1	
1	1		1	1	1	
1	1		1	1	1	
1		1	1	1		1
1	1		1	1	1	
	1	1	1	1		1
1		1	1	1	1	
	1	1	1	1	1	
	1	1	1	1		1
1	1		1	1	1	
1	1		1	1	1	
1	1		1	1	1

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

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

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

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

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

1		1			1	1			1		
1		1			1	1			1		
1		1			1			1	1		
1		1			1			1	1		
	1	1			1	1			1		
1			1		1			1	1		
	1	1			1			1	1		
1		1			1			1	1		
1		1			1			1	1		
	1		1		1			1			1
1			1		1	1				1	
1		1			1			1		1	
	1		1		1			1	1		
	1	1						1	1		
1		1			1			1	1		
	1	1						1		1	
1		1			1			1	1		
	1	1			1	1			1		
1		1		1				1	1		
286	141	334	96	85	346	67	5	363	298	120	17
65.7%	32.4%	76.8%	22.1%	19.5%	79.5%	15.4%	1.1%	83.4%	68.5%	27.6%	3.9%
98.2%		98.9%		99.1%		100.0%			100.0%		