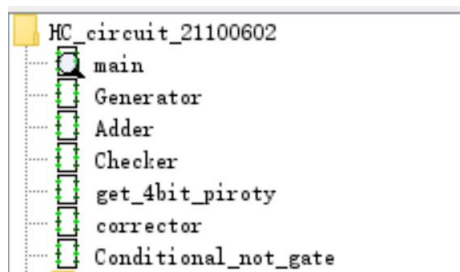


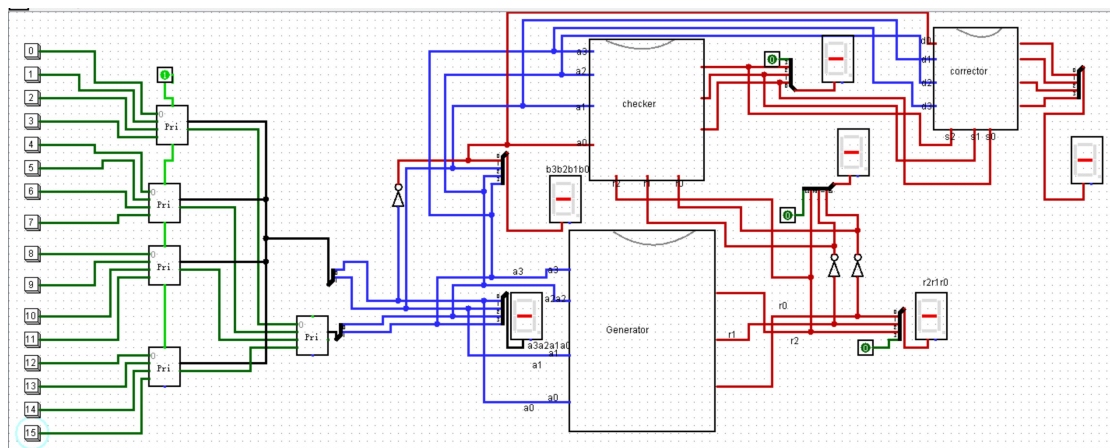
The haming table I used

a3	a2	a1	a0	r2	r1	r0	Hex Value
0	0	0	0	0	0	0	0
0	0	0	1	1	1	1	7
0	0	1	0	0	1	1	3
0	0	1	1	1	0	0	4
0	1	0	0	1	0	1	5
0	1	0	1	0	1	0	2
0	1	1	0	1	1	0	6
0	1	1	1	0	0	1	1
1	0	0	0	1	1	0	6
1	0	0	1	0	0	1	1
1	0	1	0	1	0	1	5
1	0	1	1	0	1	0	2
1	1	0	0	0	1	1	3
1	1	0	1	1	0	0	4
1	1	1	0	0	0	0	0
1	1	1	1	1	1	1	7

# Screenshots of the circuit.

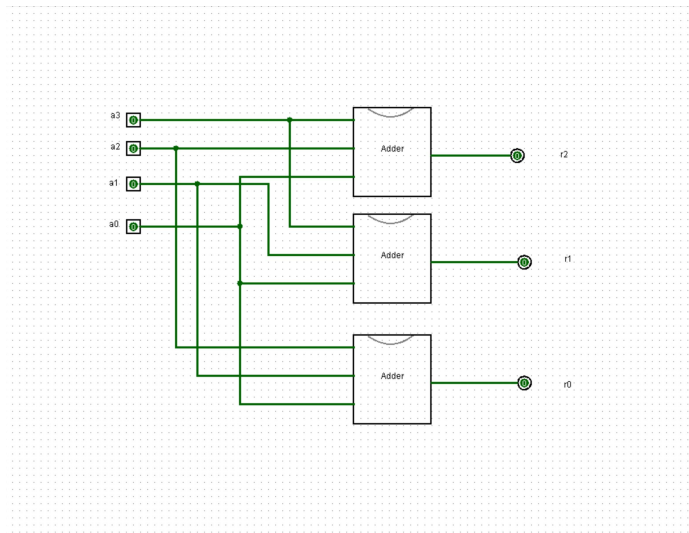


(1) Main circuit (Because have already done the corrector so just show it here)

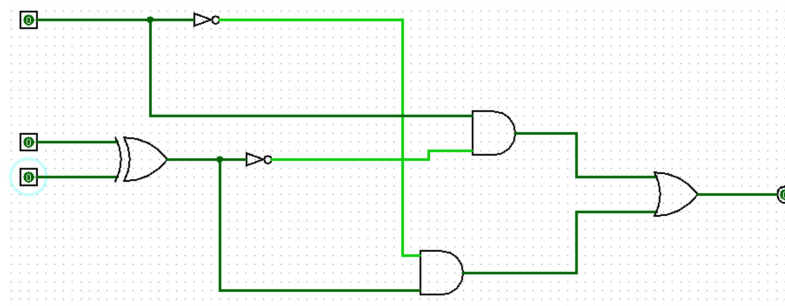


(2) sub circuit

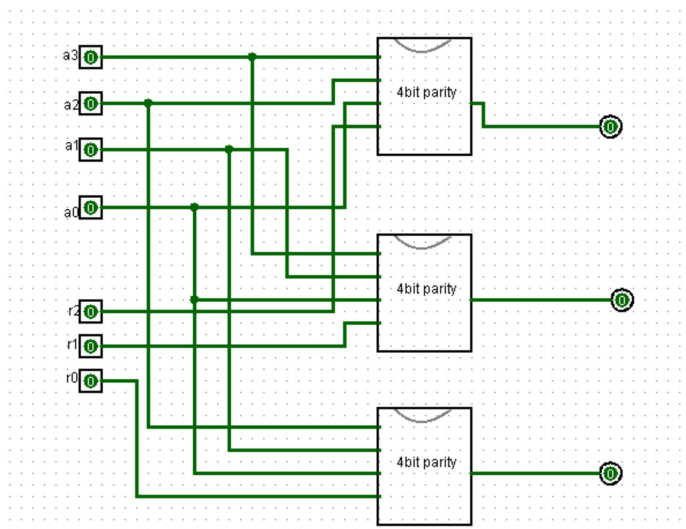
generator



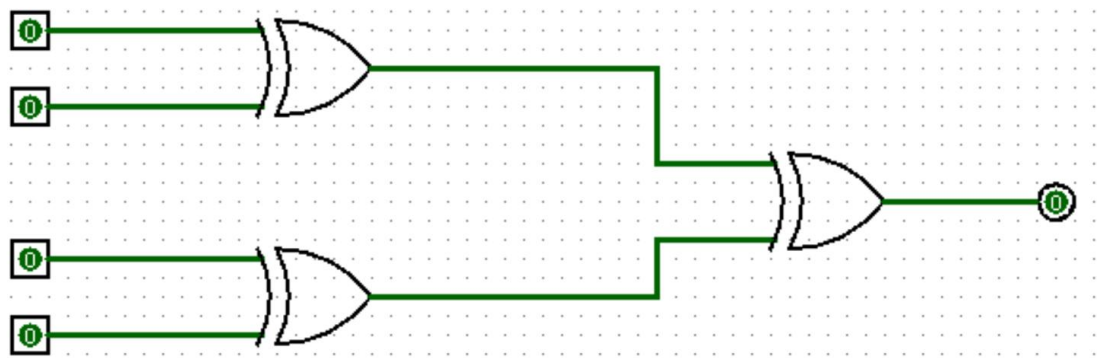
Adder used in generator



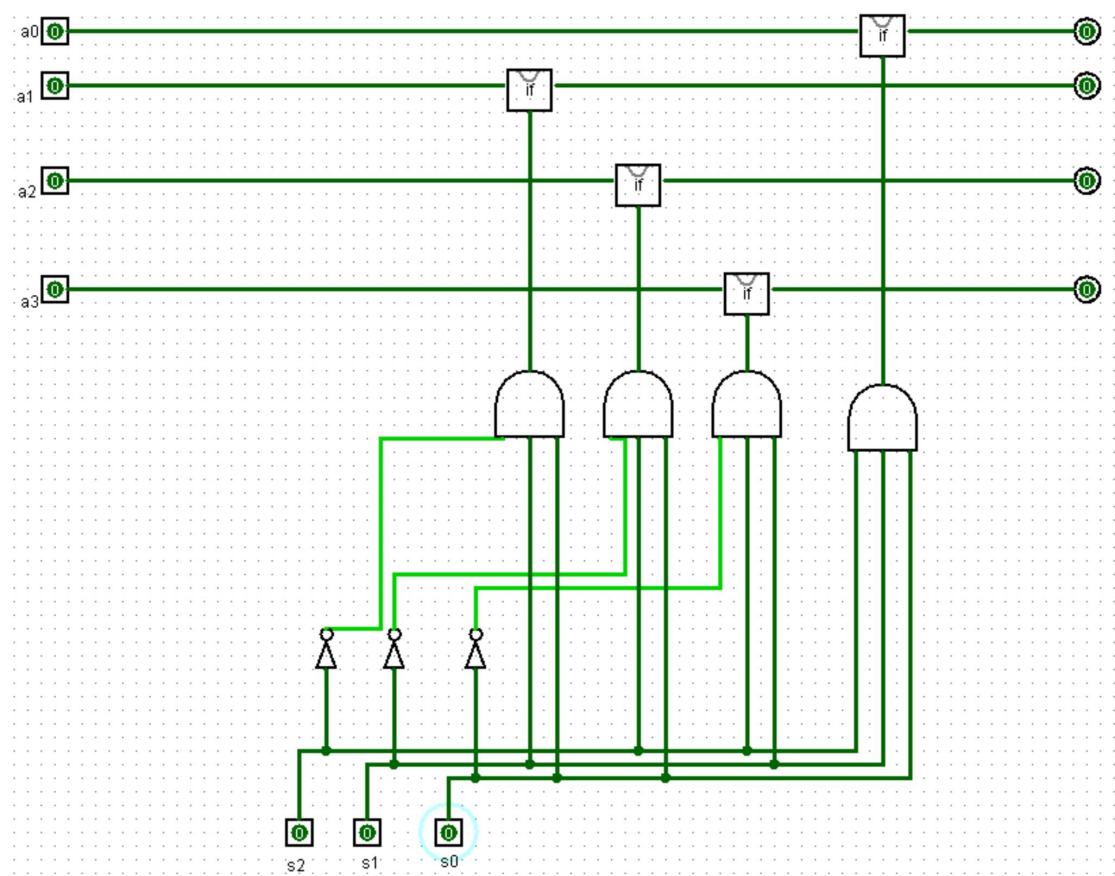
## Checker



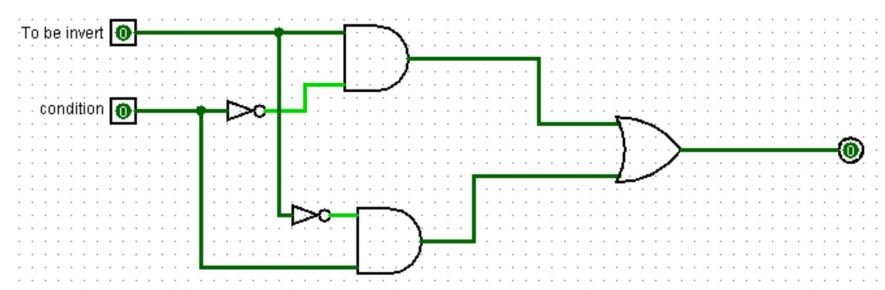
4 bit parity used in checker



### corrector



### If used in corrector



# Screenshots of the result

