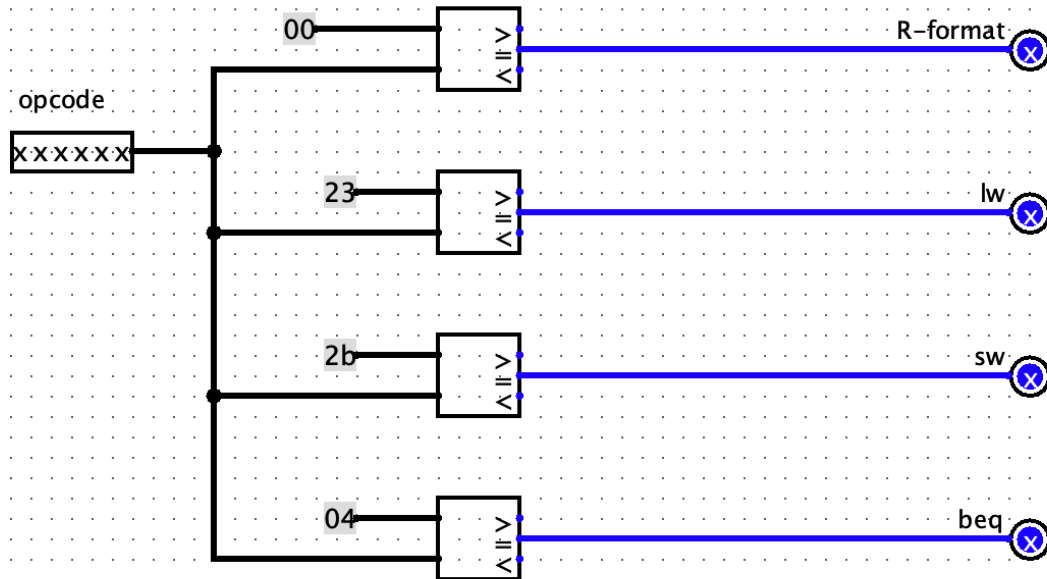


## TODO 1:

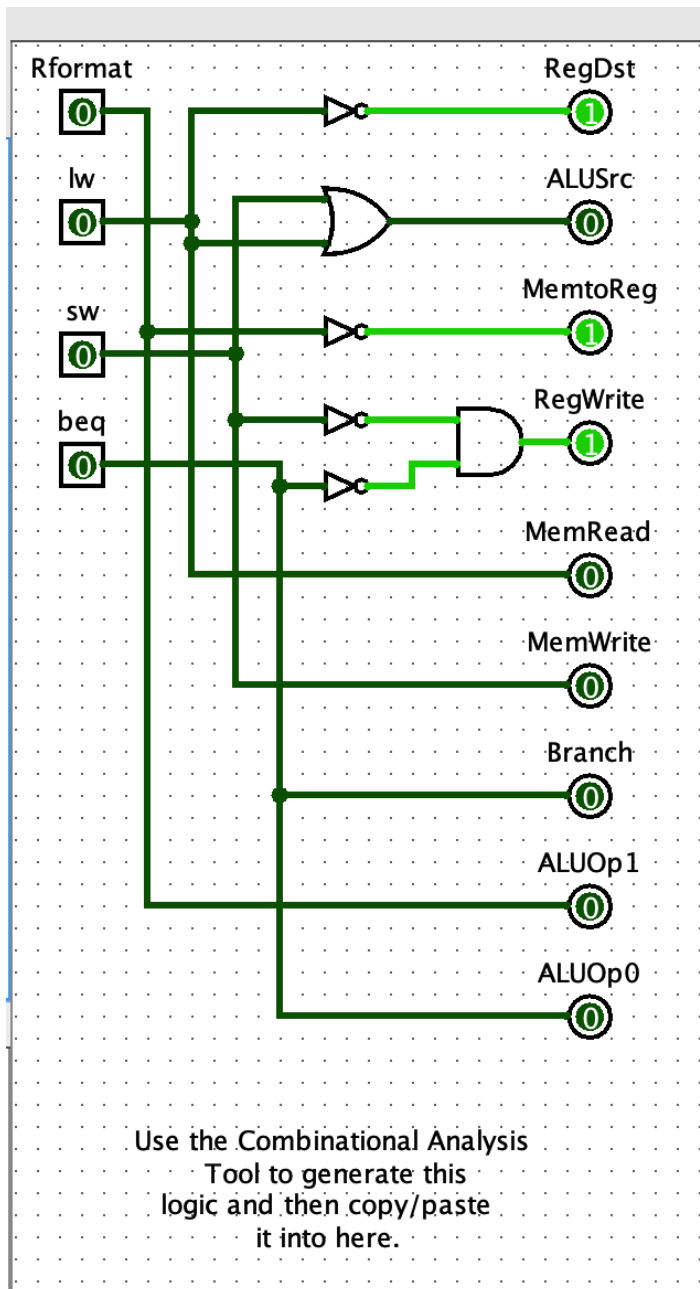
Hint: Use comparators and a constant to check for the right values  
This example sets "R-format" to true if opcode=00.



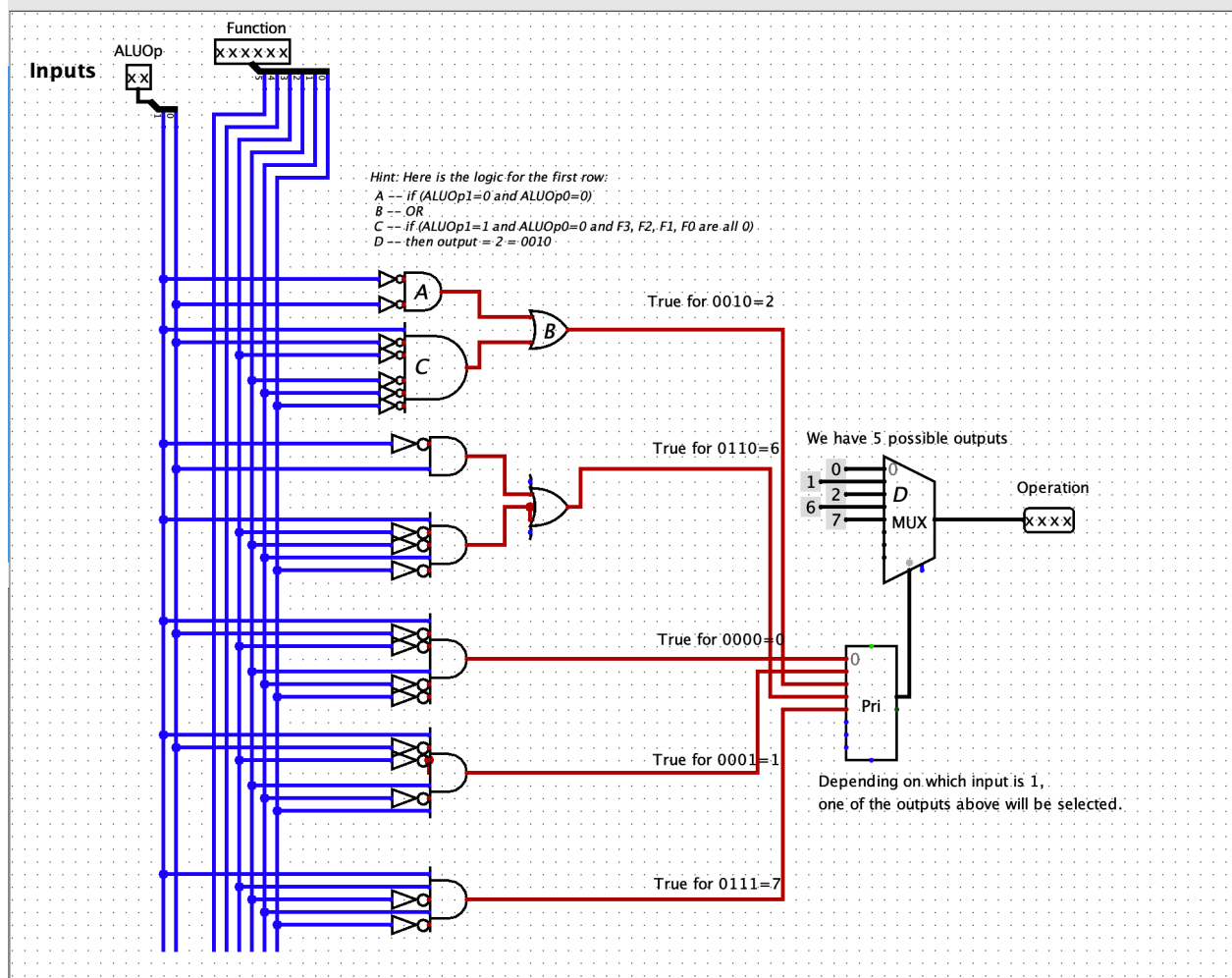
## TODO 2:

Output	R-format	Lw	Sw	Beq
RegDst	1	0	X	X
ALUSrc	0	1	1	0
MemtoReg	0	1	X	X
RegWrite	1	1	0	0
MemRead	0	1	0	0
MemWrite	0	0	1	0
Branch	0	0	0	1
ALUOp1	1	0	0	1
ALUOp0	0	0	0	1

**TODO 3:**

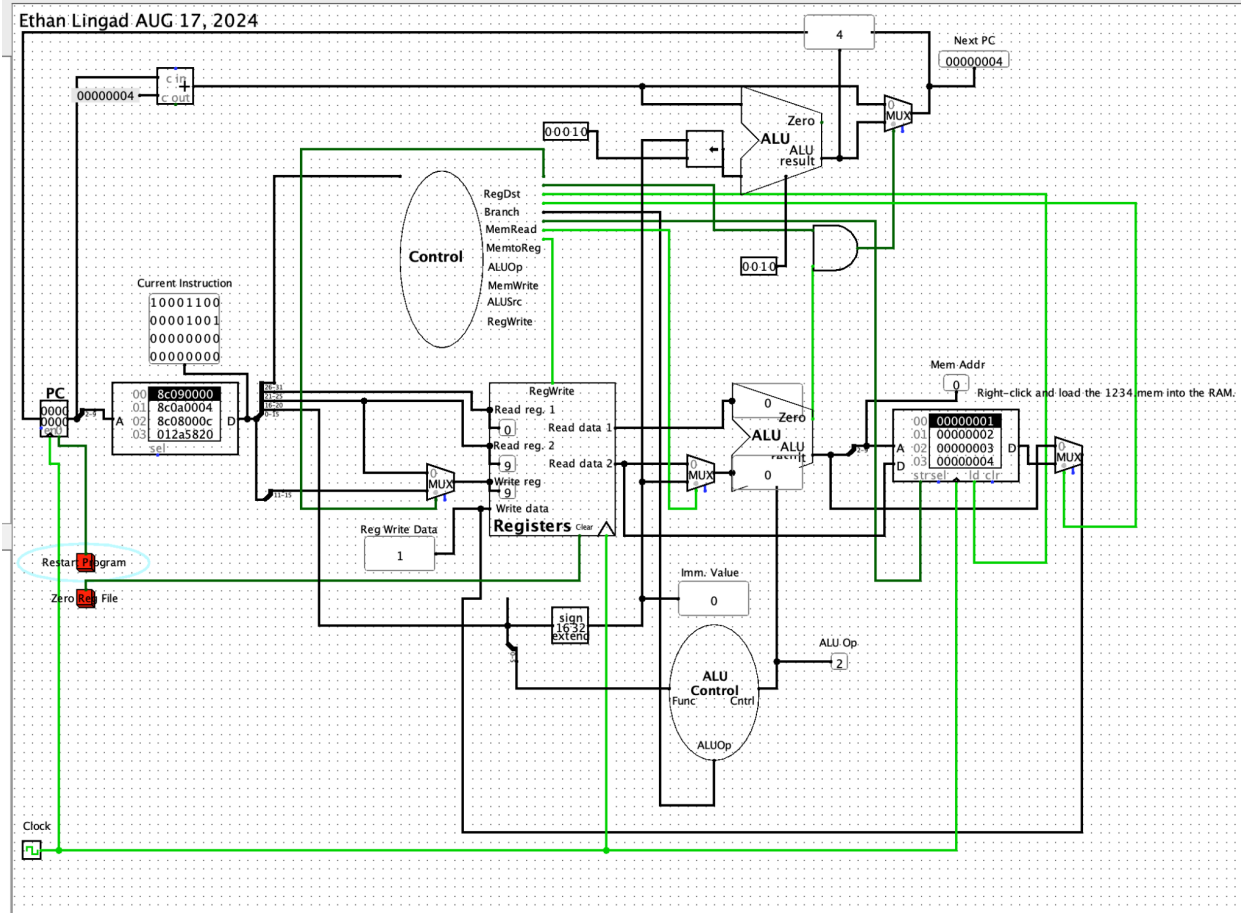


## TODO 4:



## TODO 5:

Ethan Lingad AUG 17, 2024



## TODO 6:

