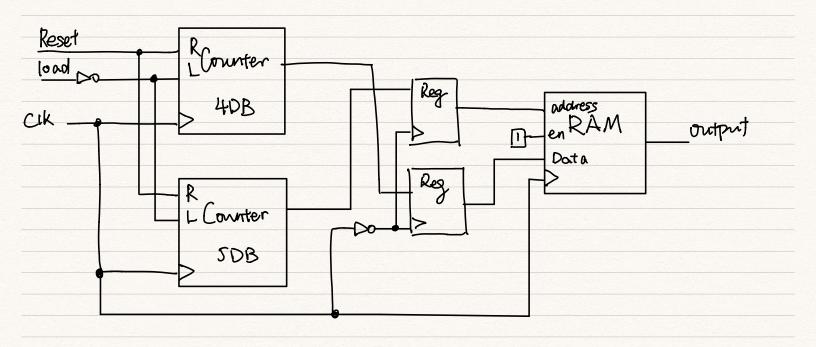
Lab 7

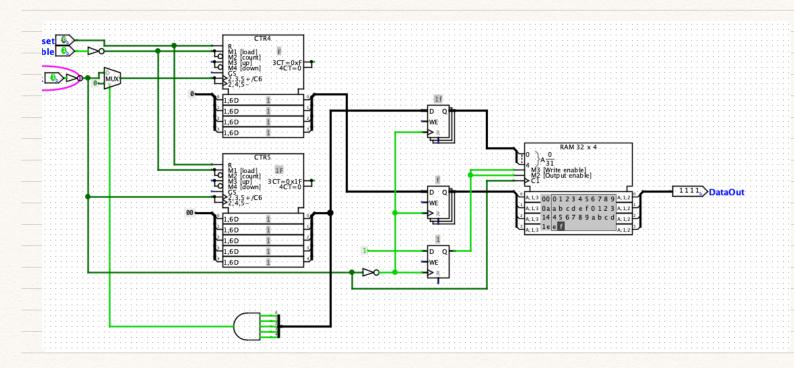
lichen 65 1004767558

Part II:

2. Both signal off: RAM does not write or read
Both signal on: RAM write and read simultaneously.

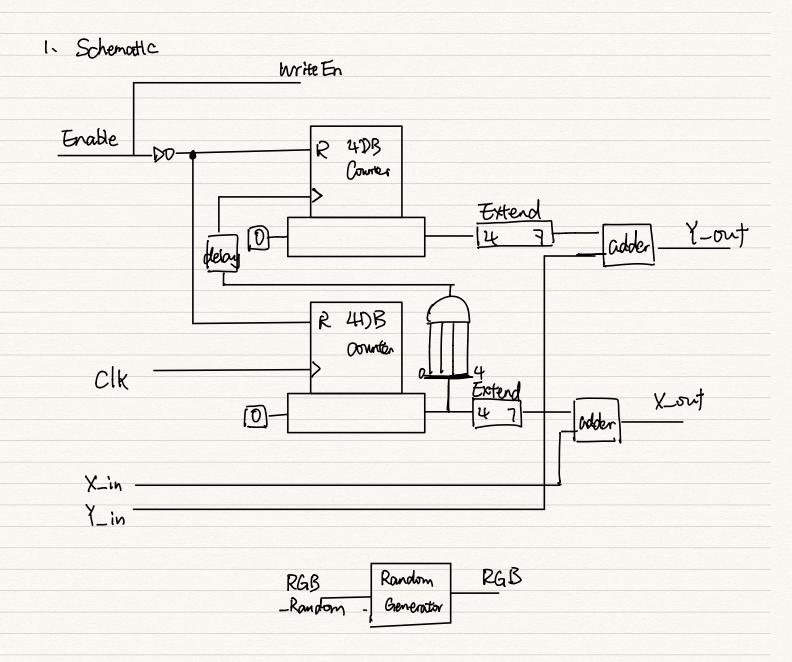
J. Schematic

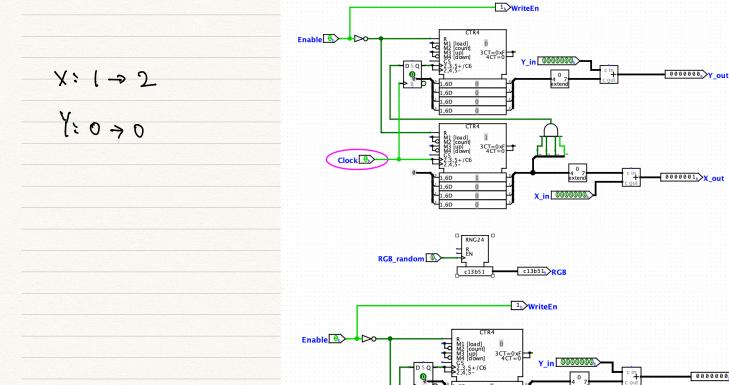




Part 11:

- 1. What happens if you don't turn Enable off before updating X and Y?
- 2. What happens if you turn Enable off before 256 clock cycles have passed?
- 3. What happens if you turn Reset on while Enable is on?
- 1. The pixel will continue to filled with color on new X.Y.
- 2. It will leave an incomplete square on canvas.
- 3, Every pixel will go to black and the it will start to draw a new square when we set reset back to 0.

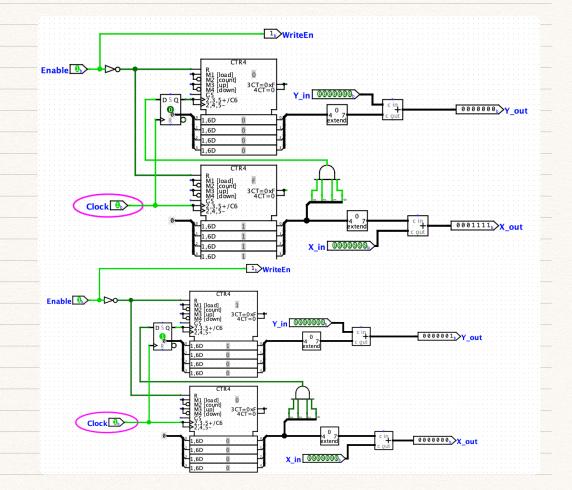




Clock

X:15->0

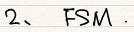
Y:0->1



2 3CT=0xF 4CT=0

X_in 00000000b

M1 [load] M2 [count] M3 [up] M4 [down] G5 [3,5+/C6]



D: change color
1: enable drawing

