

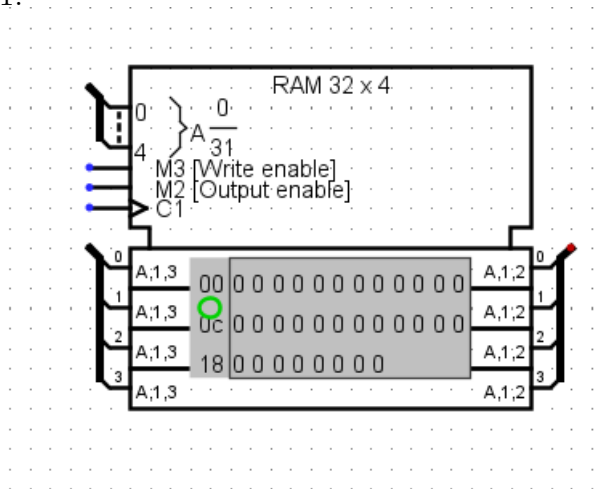
Lab 7 Memory and RGB Video

Shi Ran 1004793495

November 5, 2020

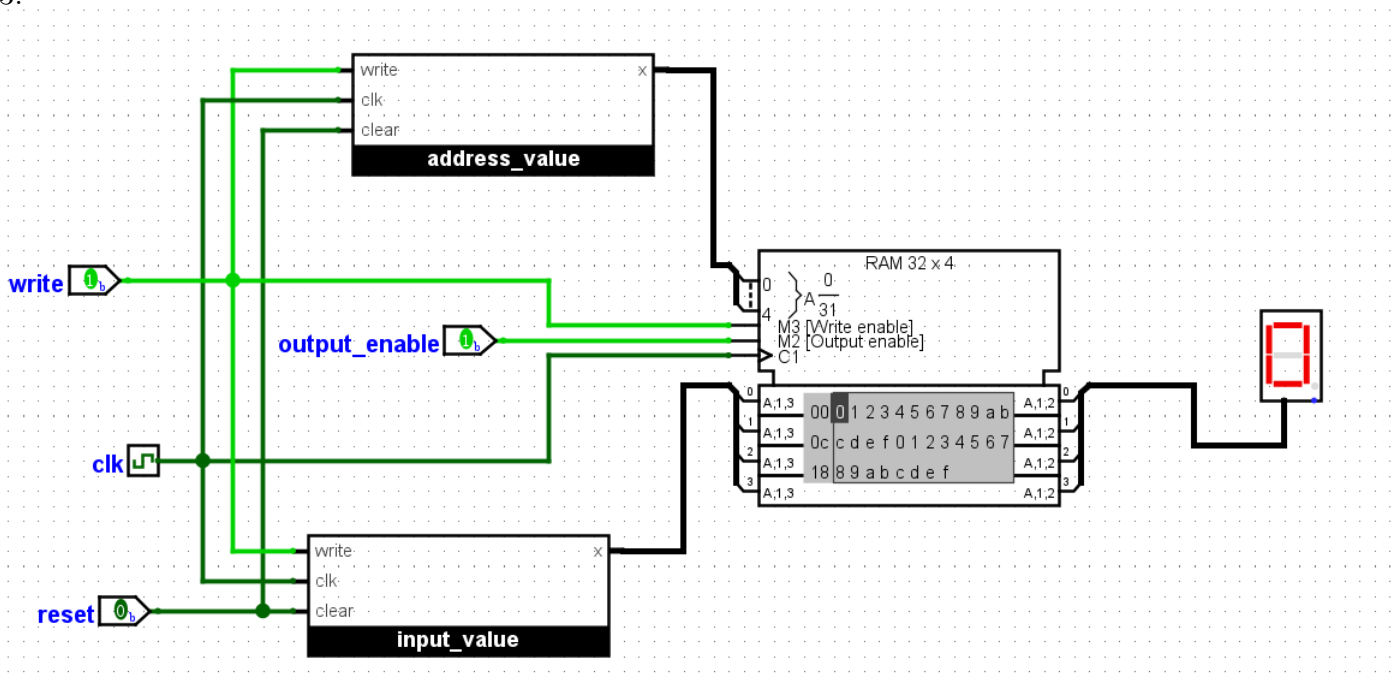
Part I

1.

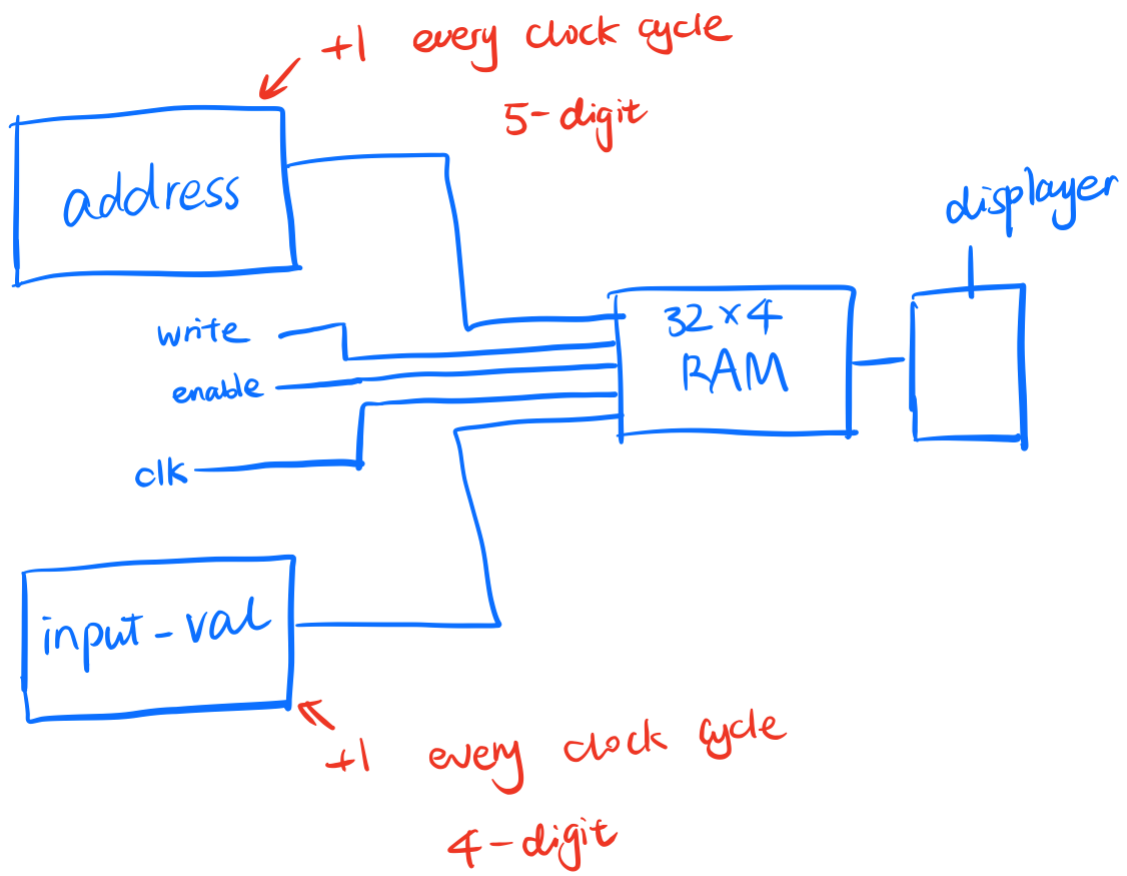


2. If they are both off, nothing happens; if they are both on, the RAM writes then reads the value to the output, so output value will equal input value.

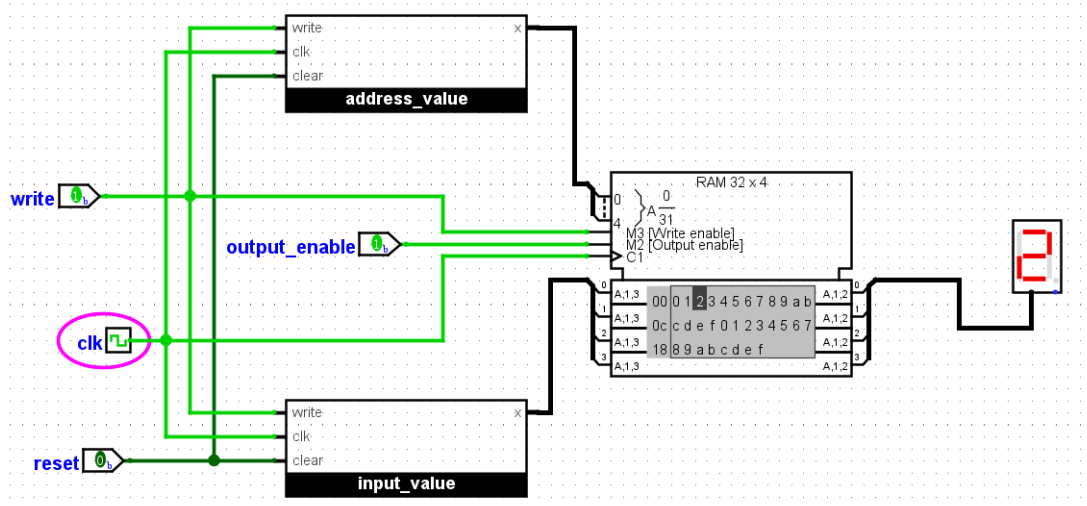
3.

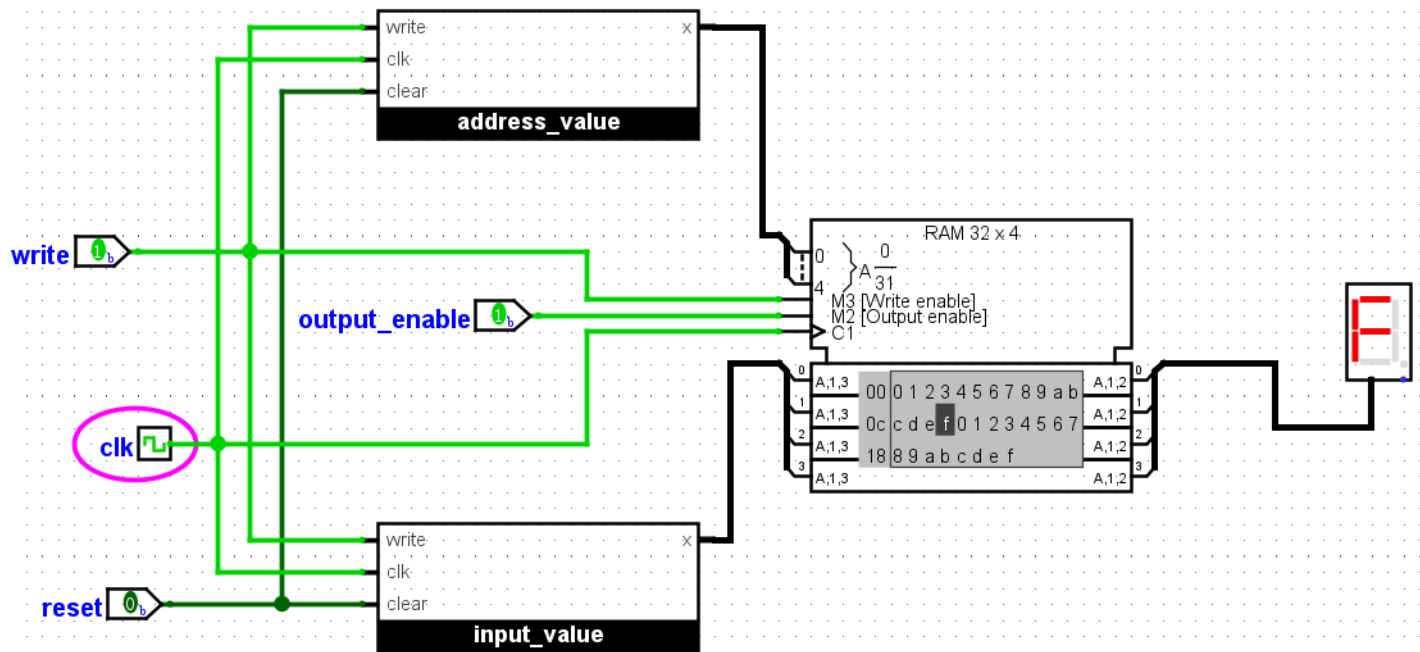
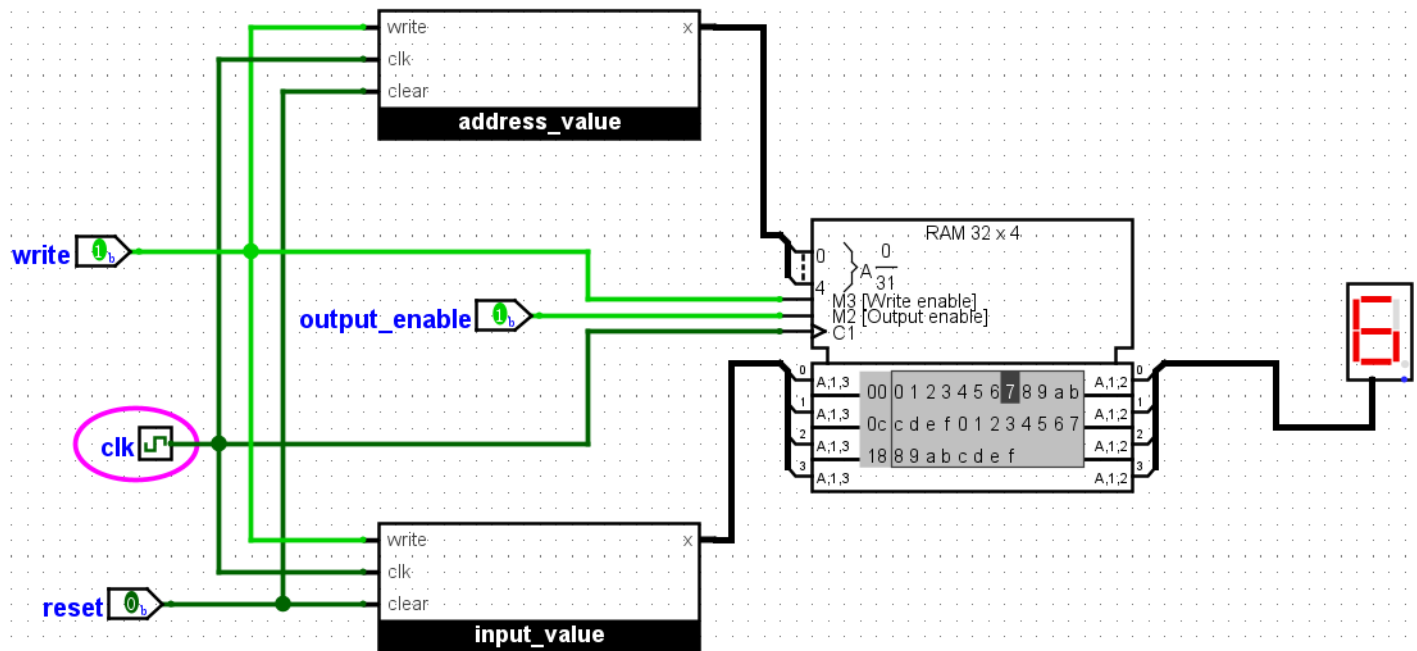


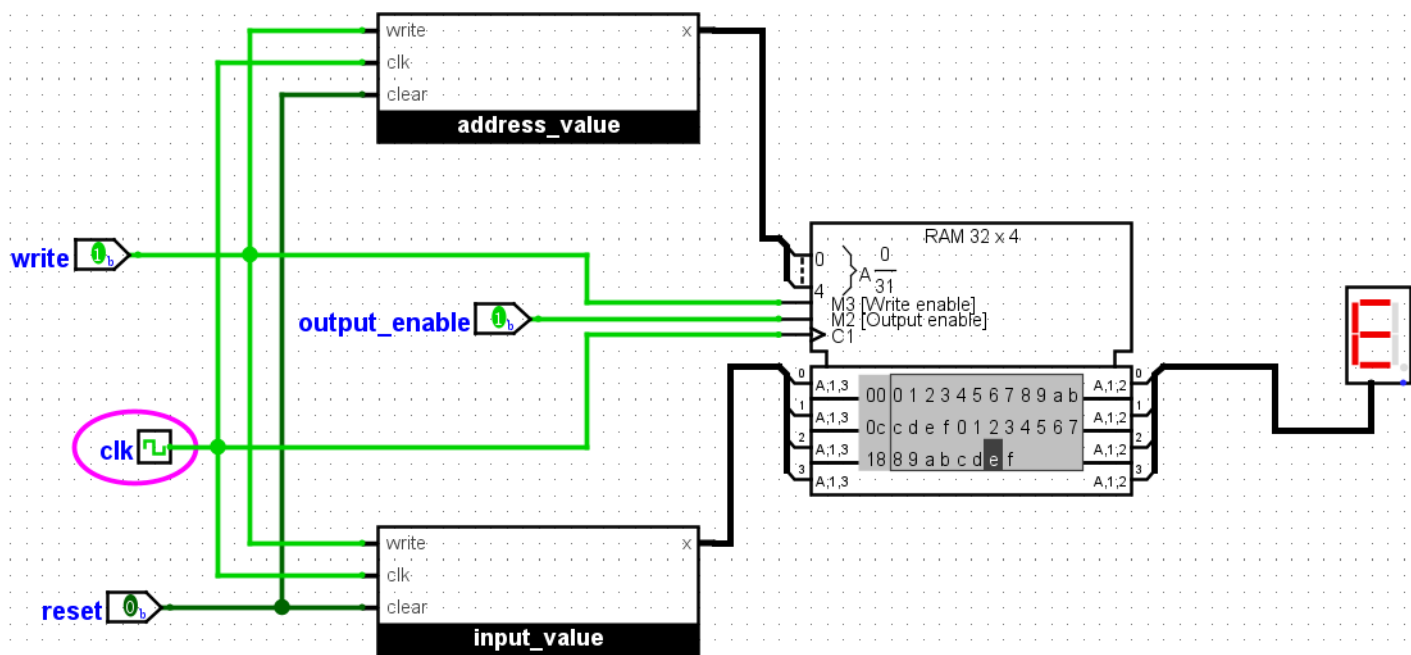
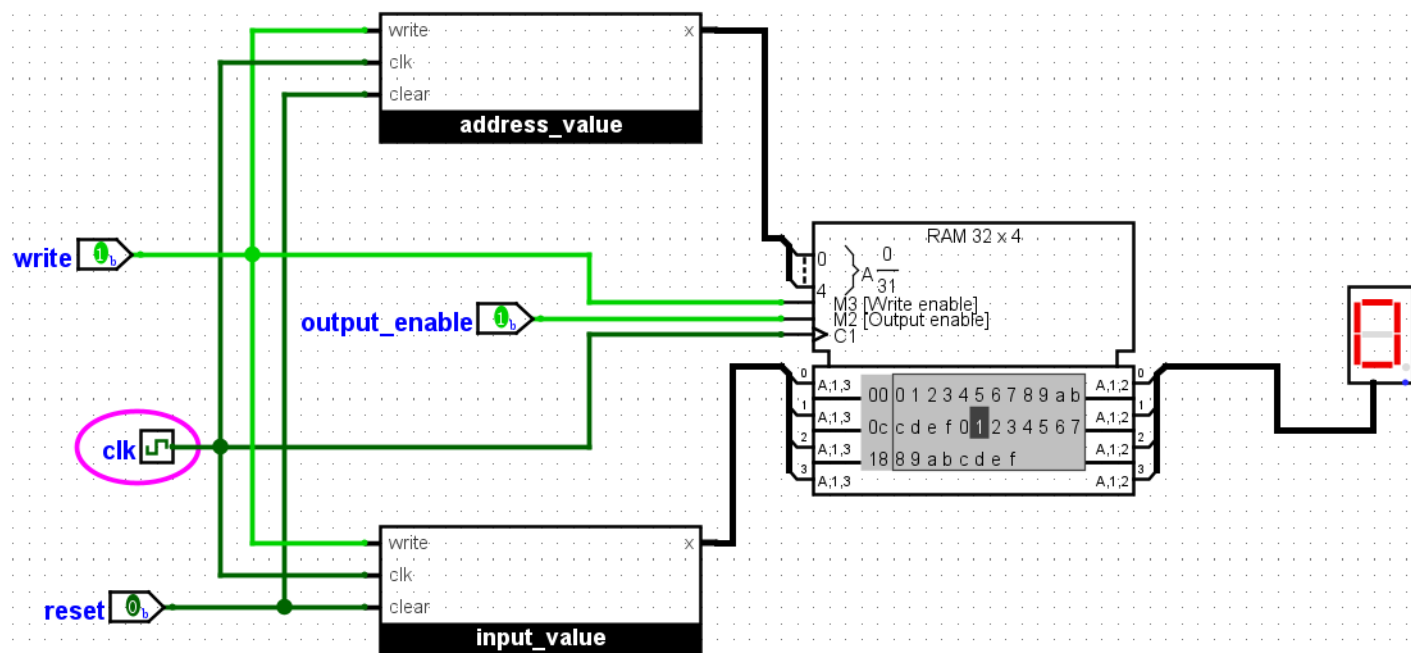
5.



6.

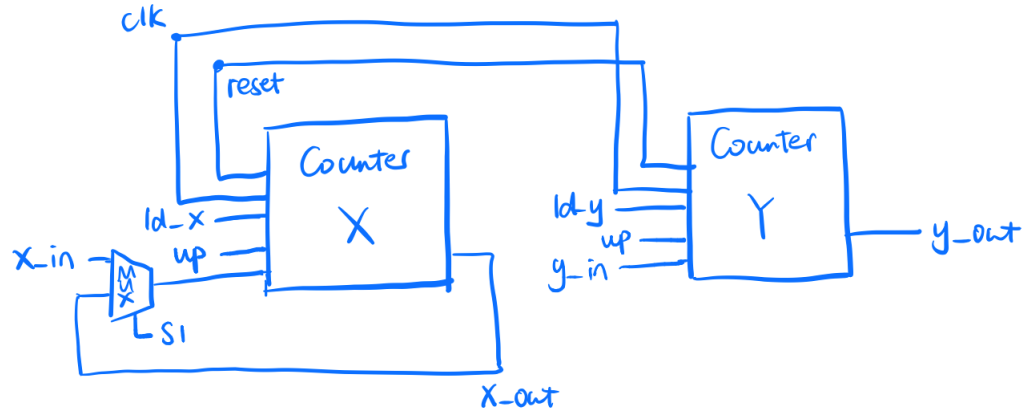




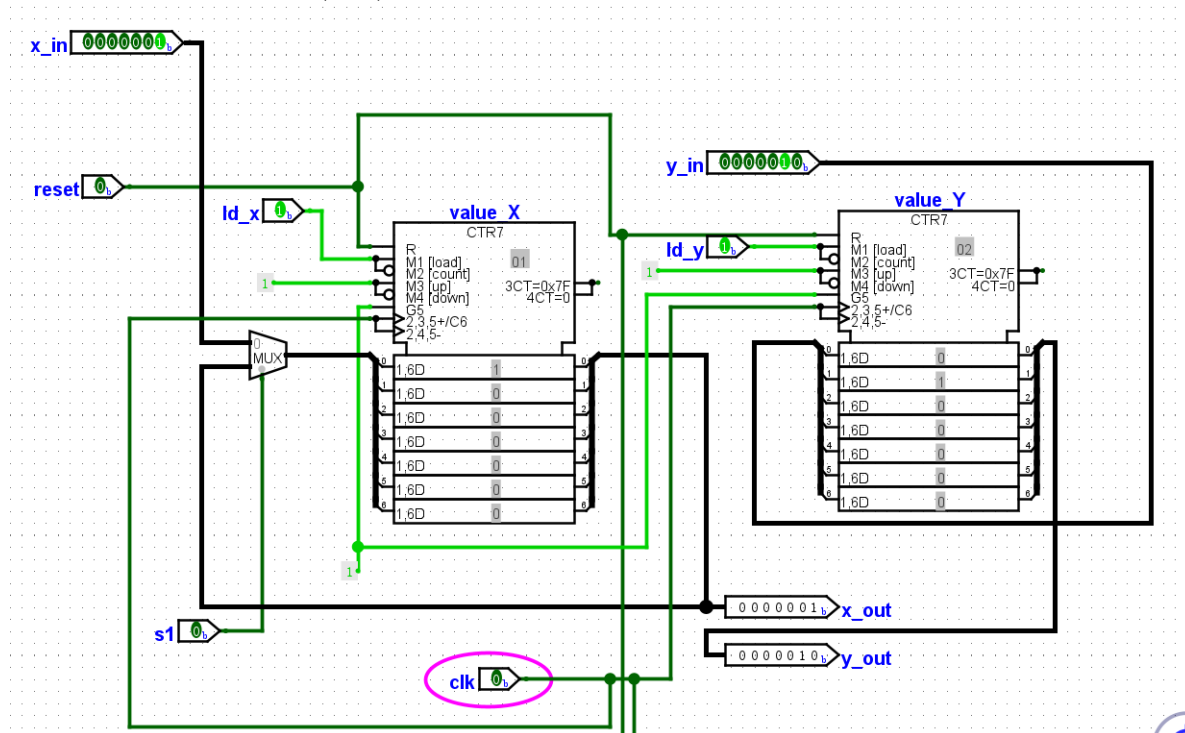


Part II

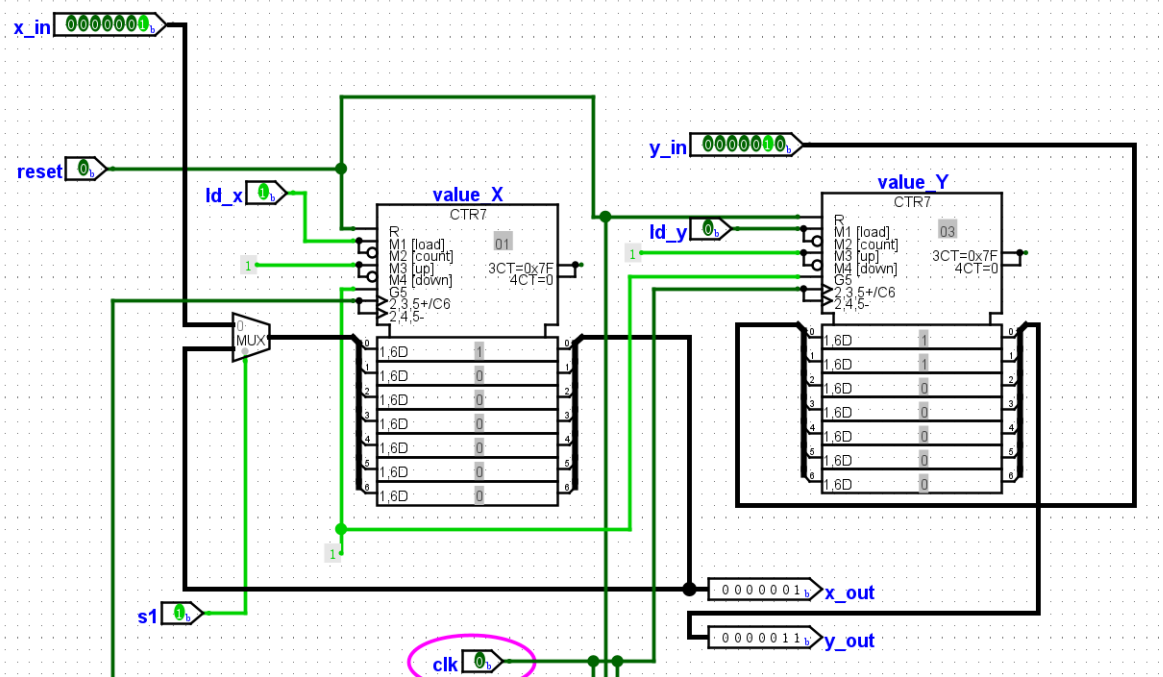
1.



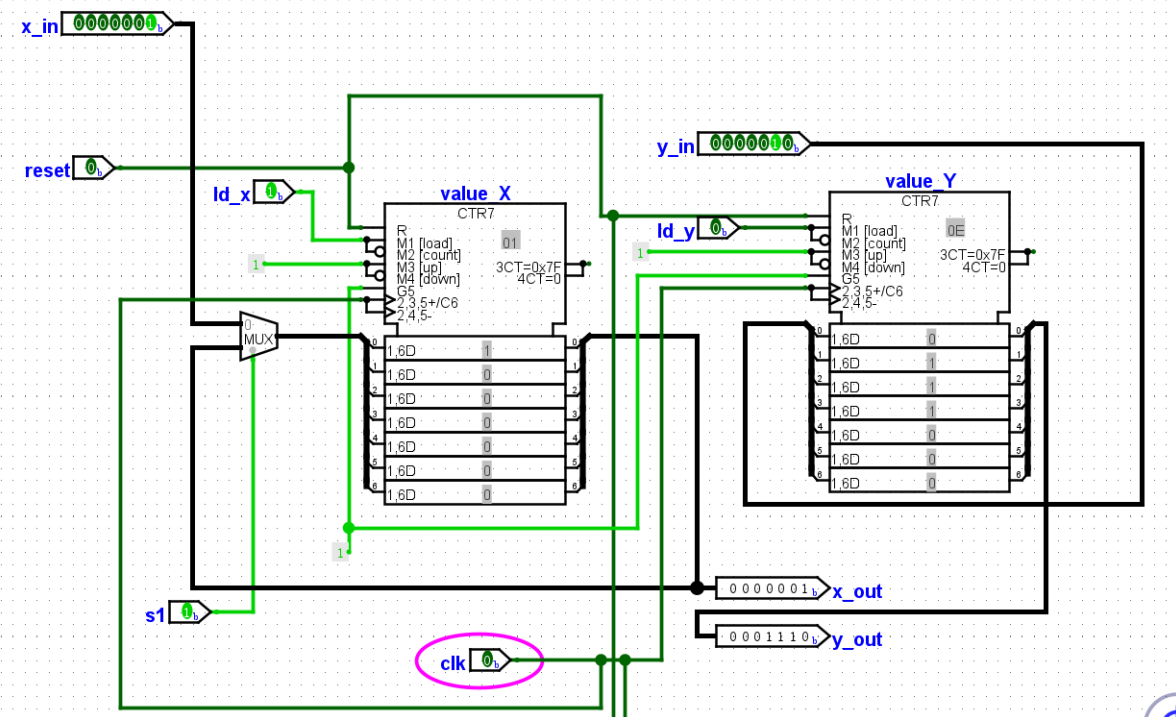
Load x and y , output (x, y) .



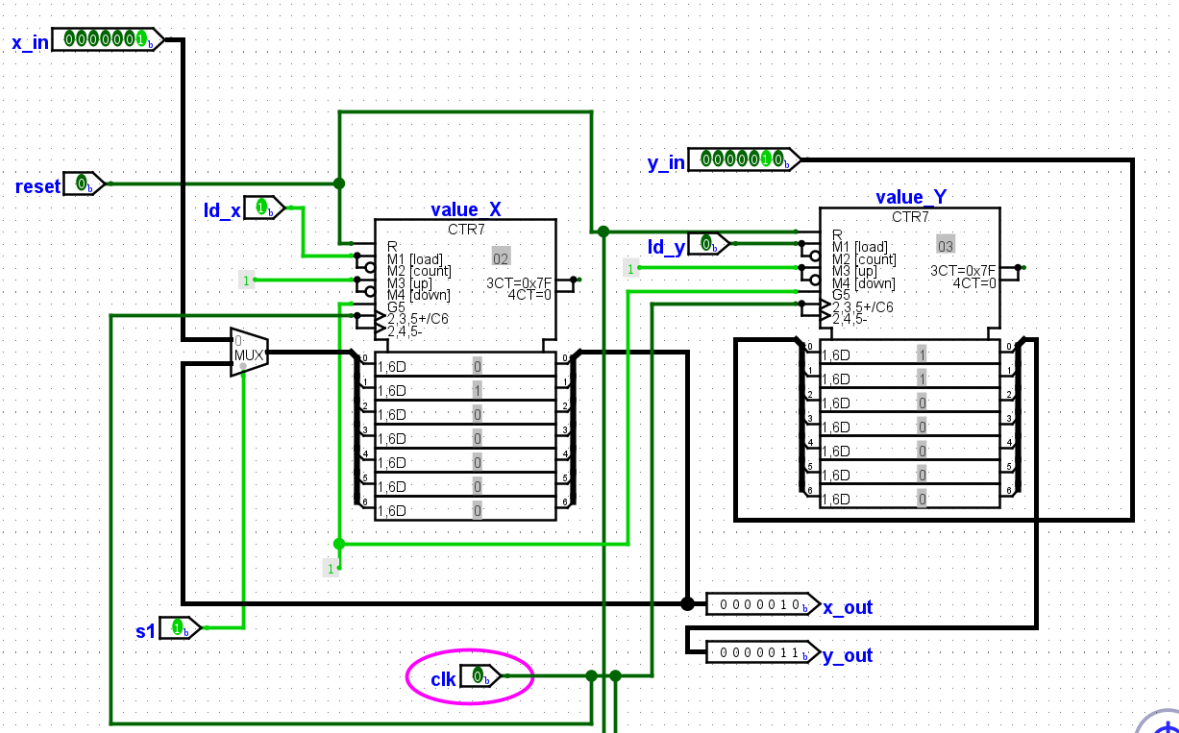
Output $(x, y + 1)$.



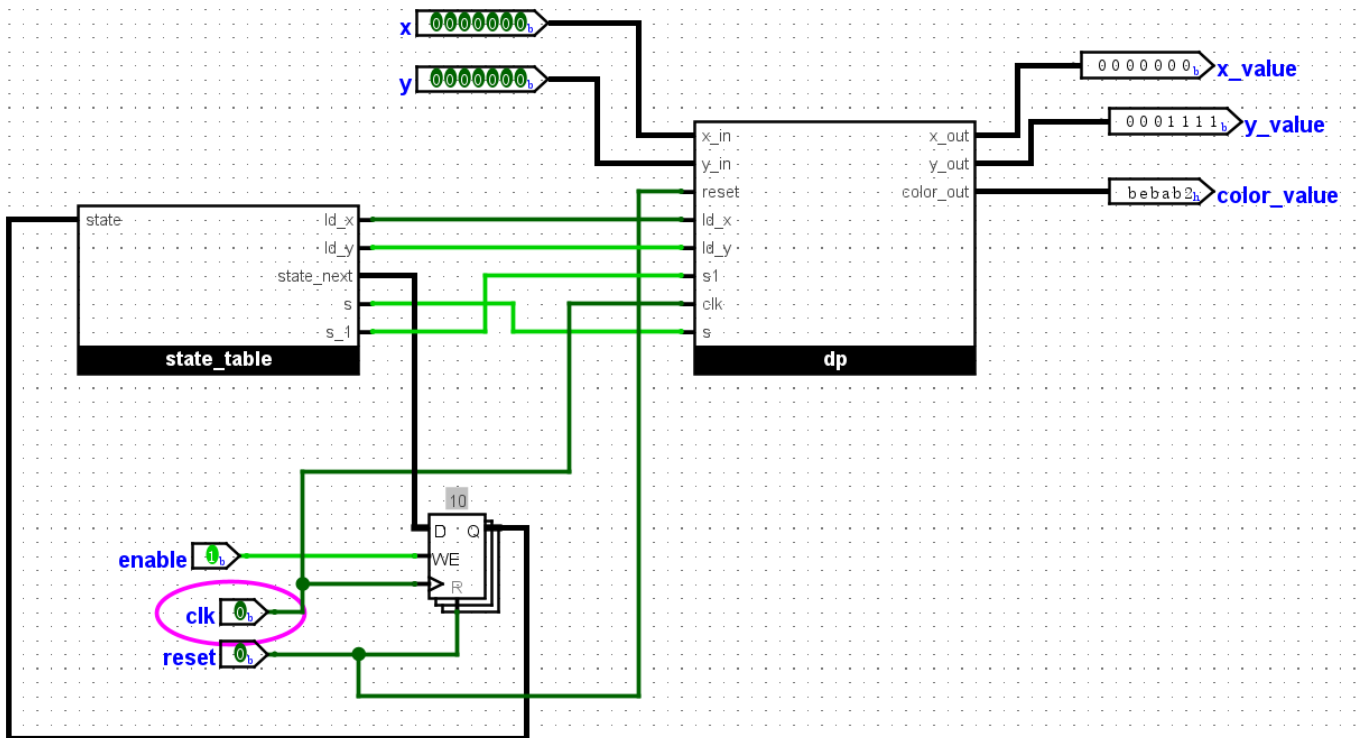
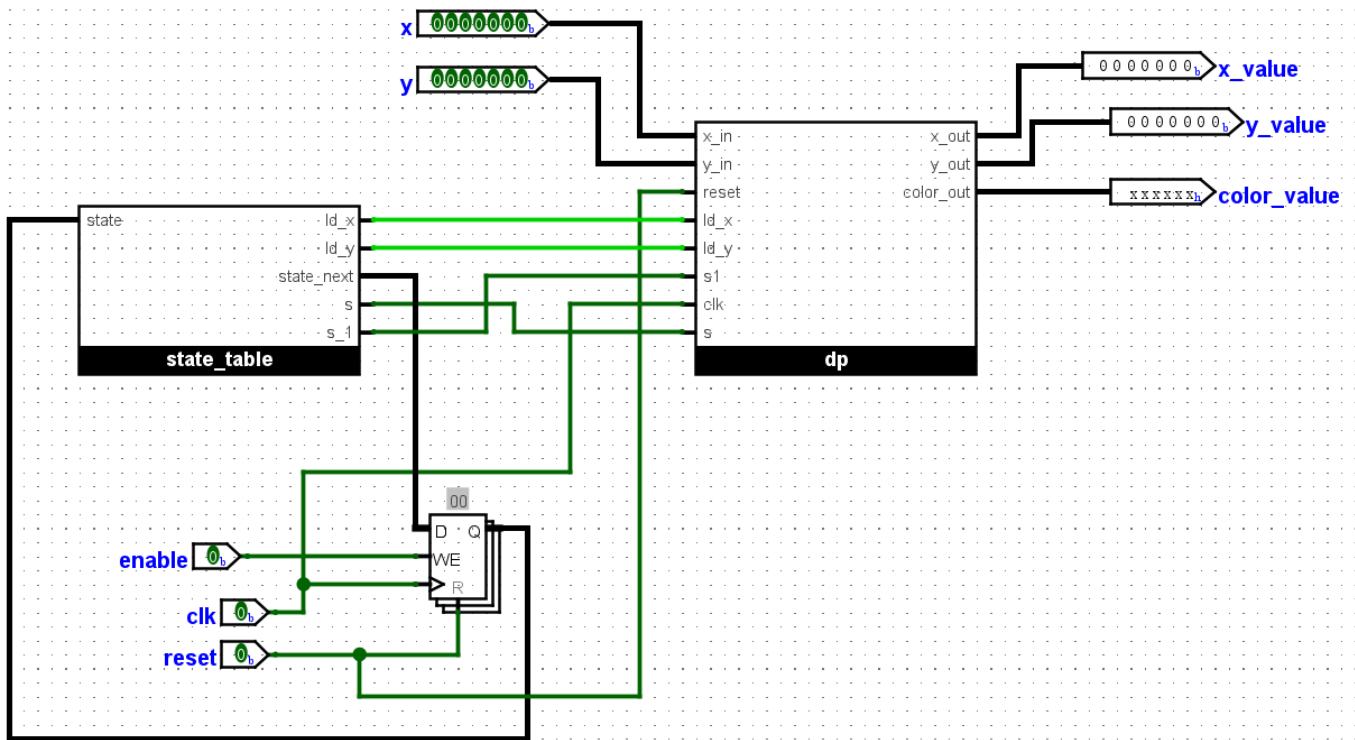
Output $(x, y + 15)$.

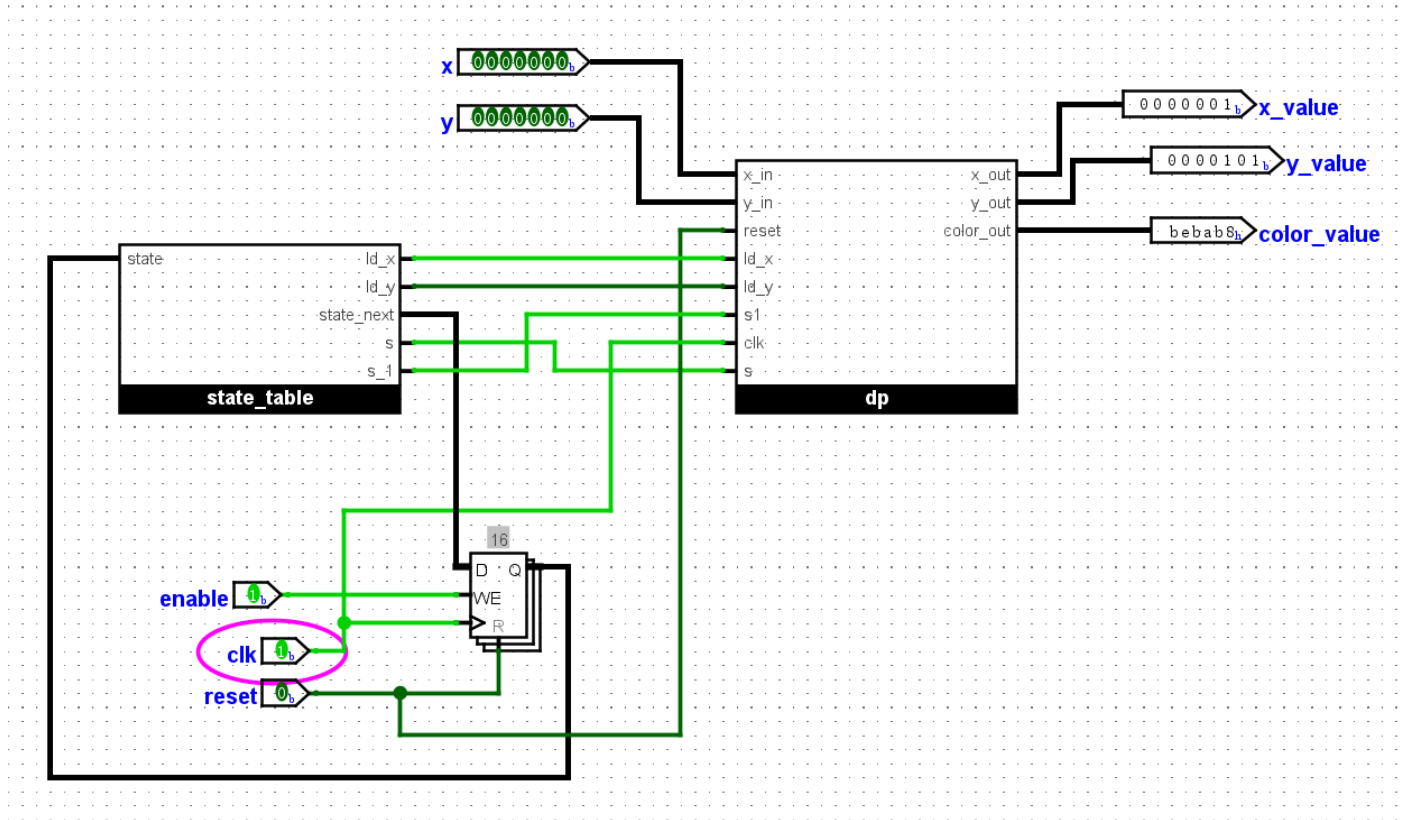


Output $(x + 1, y + 1)$.



2.





3.

