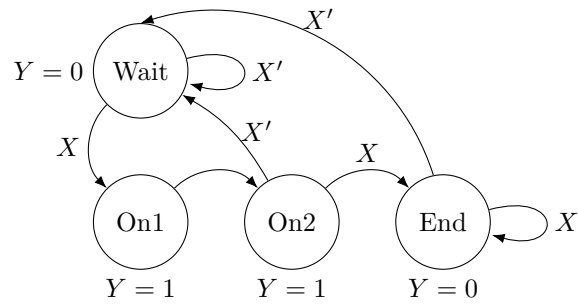


VE270 Homework 7

Liu Yihao 515370910207

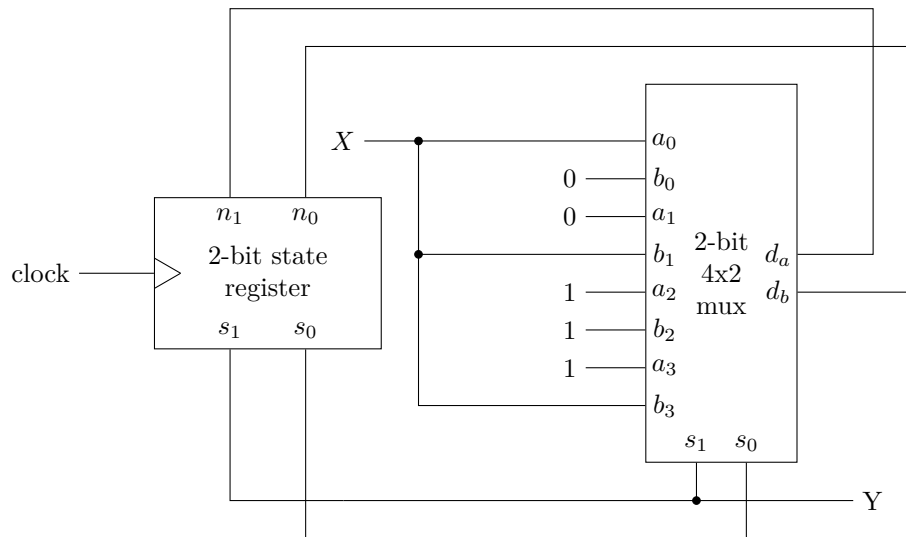
Problem 1.

Inputs: X ; Outputs: Y

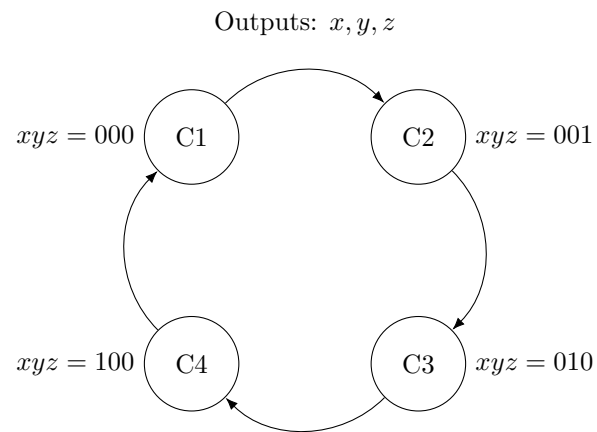


Problem 2.

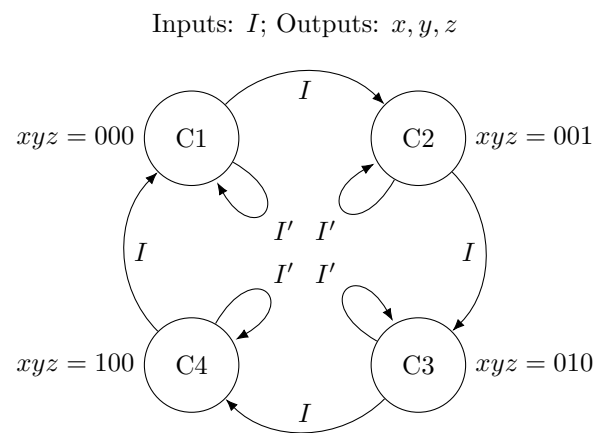
Encode the states (s_1s_0): Wait: 00, On1: 10, On2: 11, End: 01.



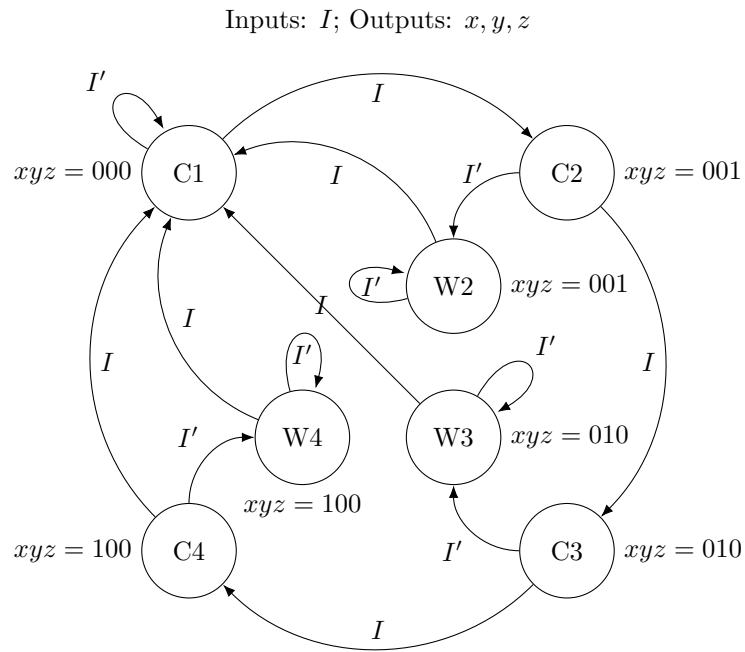
Problem 3.



Problem 4.

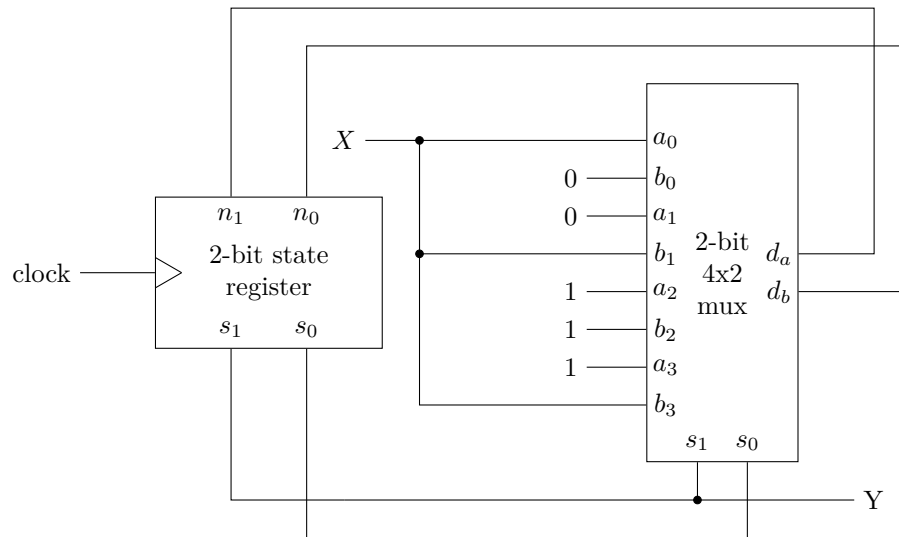


Problem 5.



Problem 6.

Encode the states ($s_1 s_0$): Wait: 00, On1: 10, On2: 11, End: 01.



Problem 7.

Inputs: B ; Outputs: s_1, s_0

