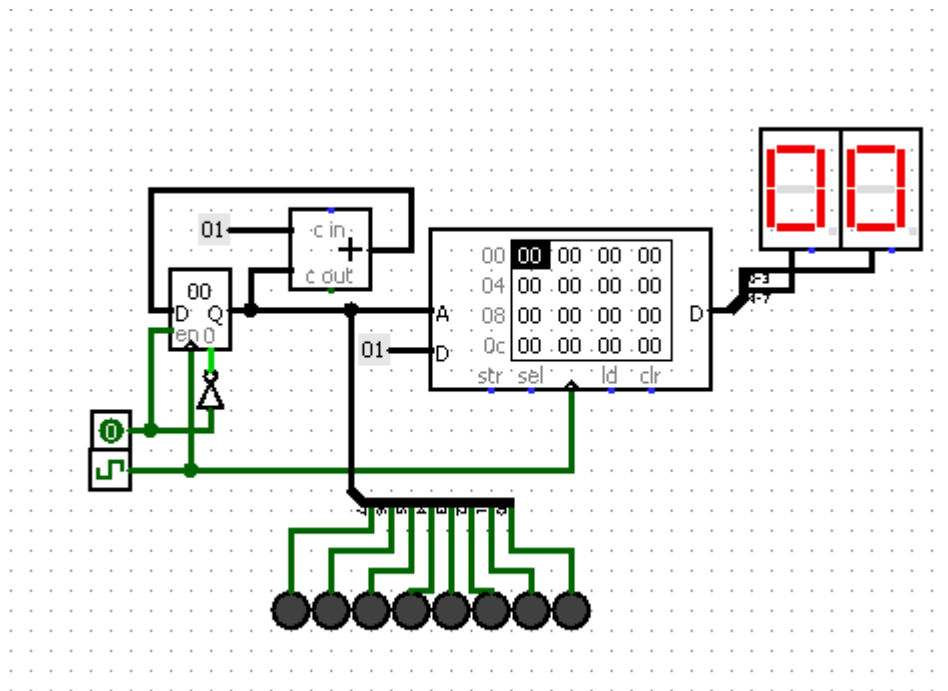
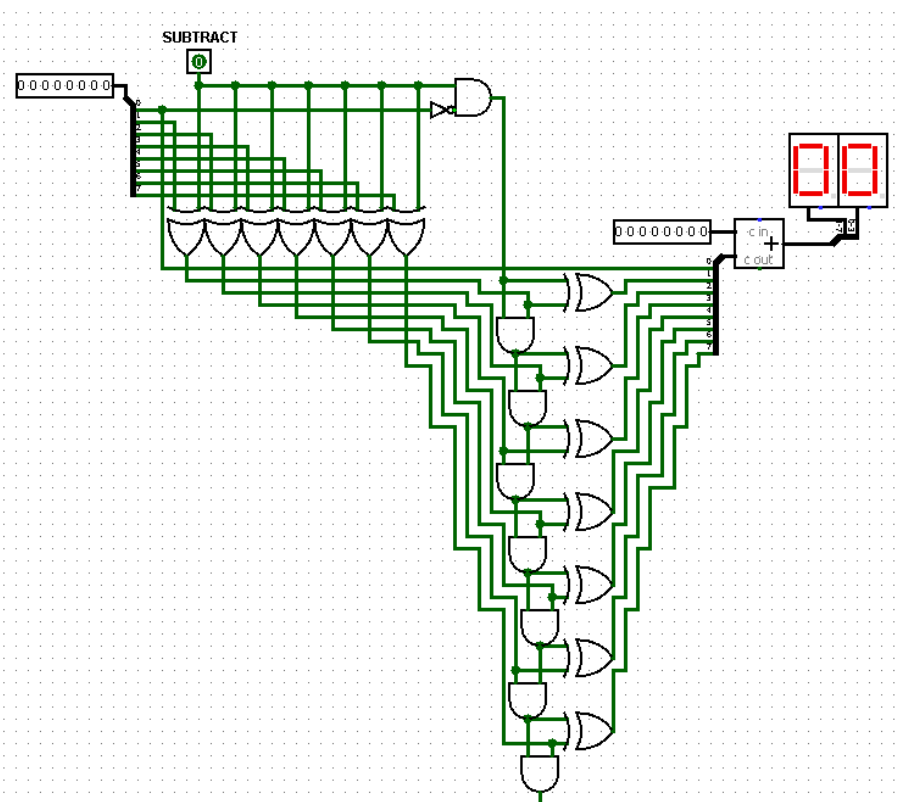


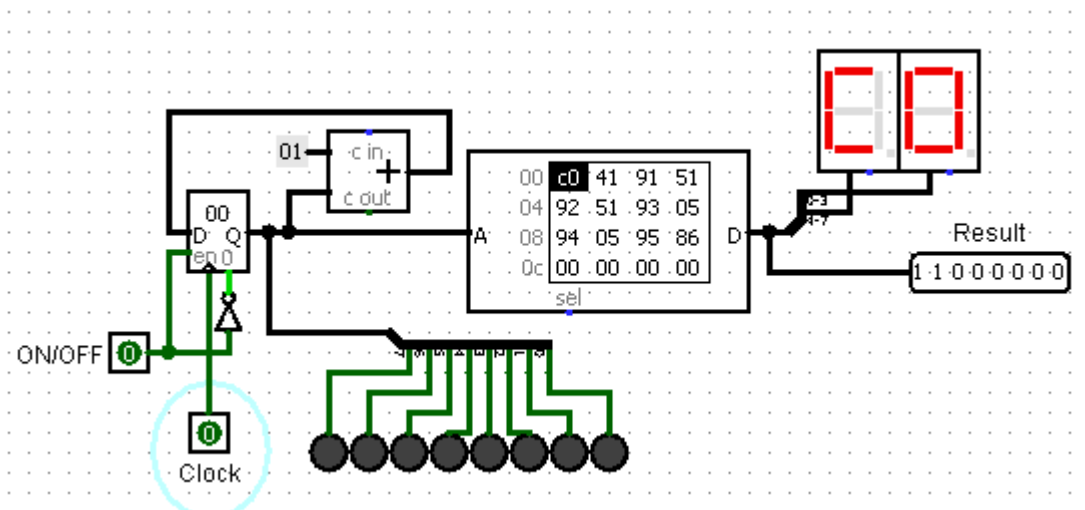
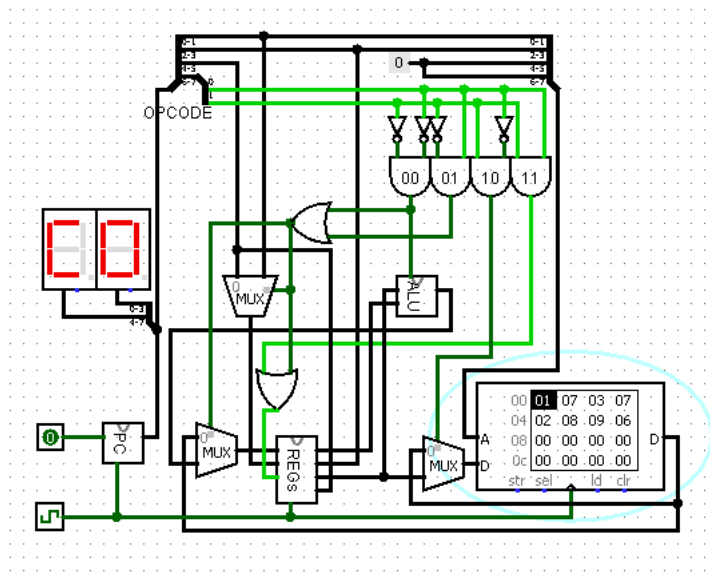
Q1.

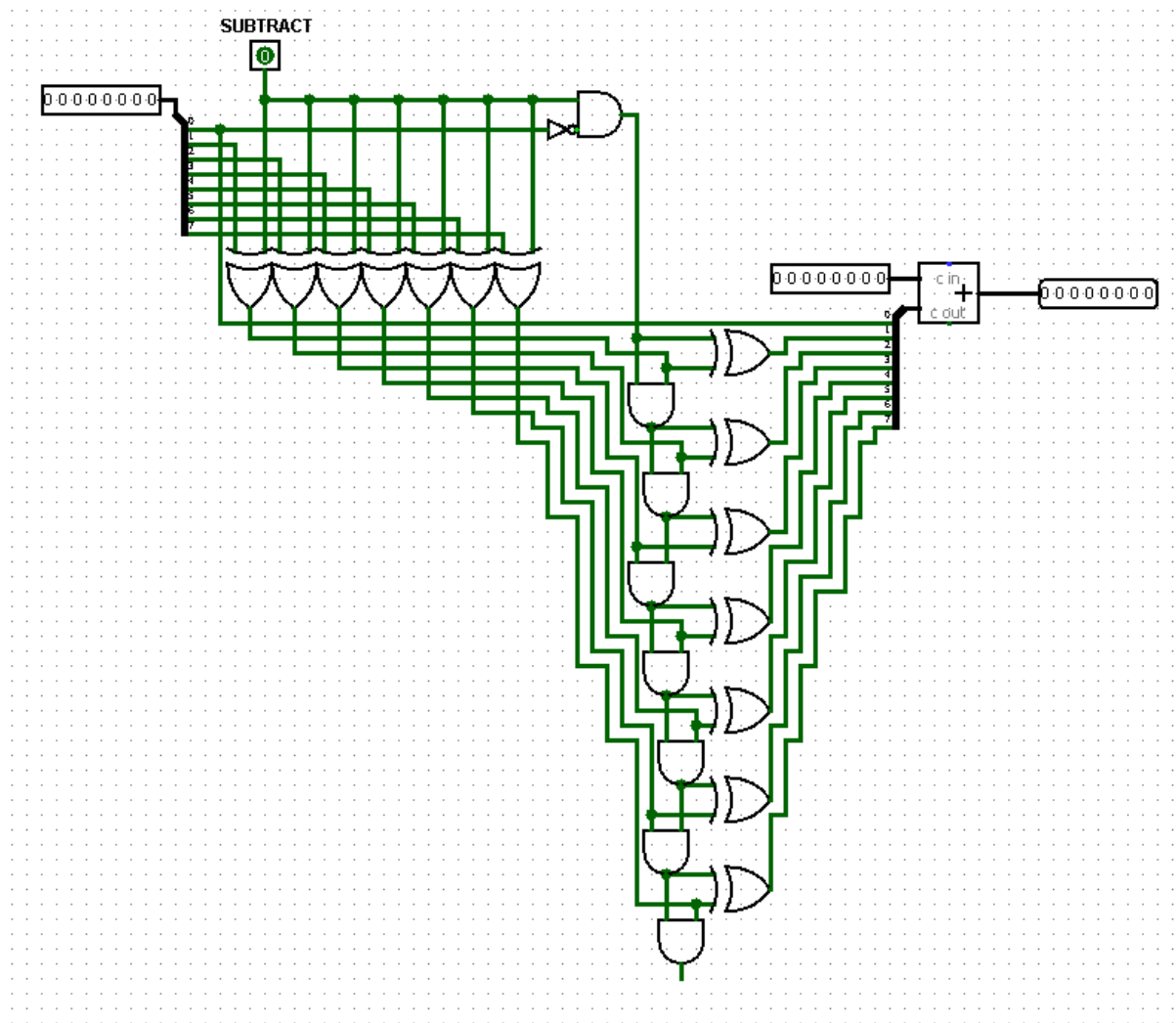


Q2.



Q3.





Q4. A) Code takes value stored in 00 in memory as x.

Machine Code: 11000000 01000001 10010001 01010001 10010010 01010001
10010011 00000101 10010100 00000101 10010101 10000110

Hex Code: c041 9151 9251 9305 9405 9586

Assembly Code: lb \$zero, 0x0000
add \$t0, \$zero, \$zero
sb \$t0, 0x0001
add \$t0, \$zero, \$t0
sb \$t0, 0x0010
add \$t0, \$zero, \$t0
sb \$t0, 0x0011
sub \$t0, \$t0, \$zero
sb \$t0, 0x0100
sub \$t0, \$t0, \$zero
sb \$t0, 0x0101
sb \$zero, 0x0110

Final Result with my student number stored in data ram: 1,2,3,4,3,2,1,6

(My student number is 17372896)

