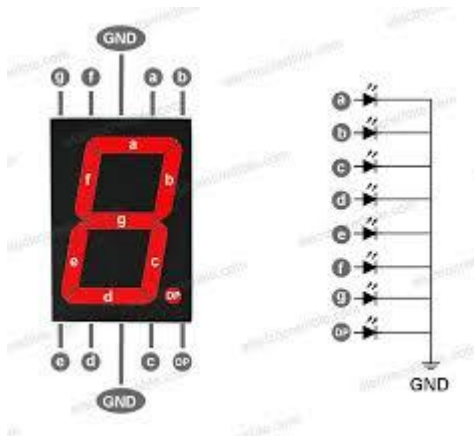


Date:

EXPERIMENT NO. 1

AIM: Implement a circuit in logisim to display given decimal number in binary on to seven segment display.

TASK: i. display 0 to 9 on a seven segment display with binary number as input
 ii. display 0 to 99 using two seven segment displays with binary number as input

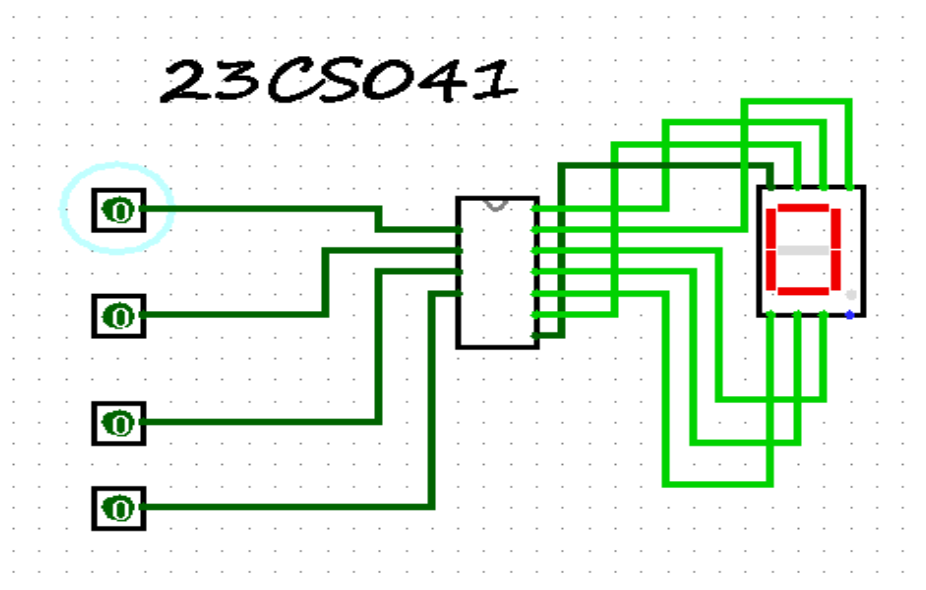


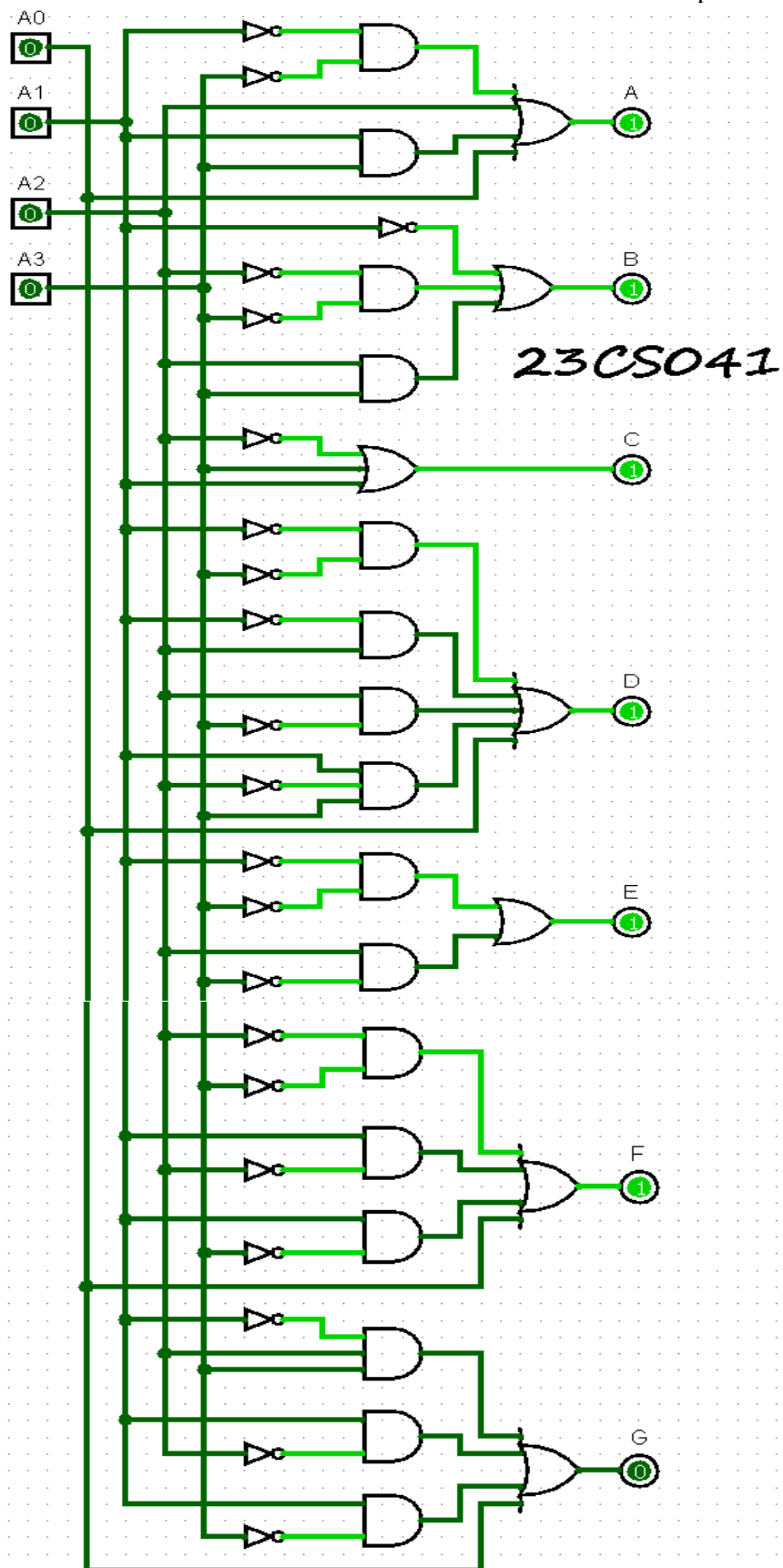
TABLES OF CALCULATIONS:

b3	b2	b1	b0	a	b	c	d	e	f	g	dp

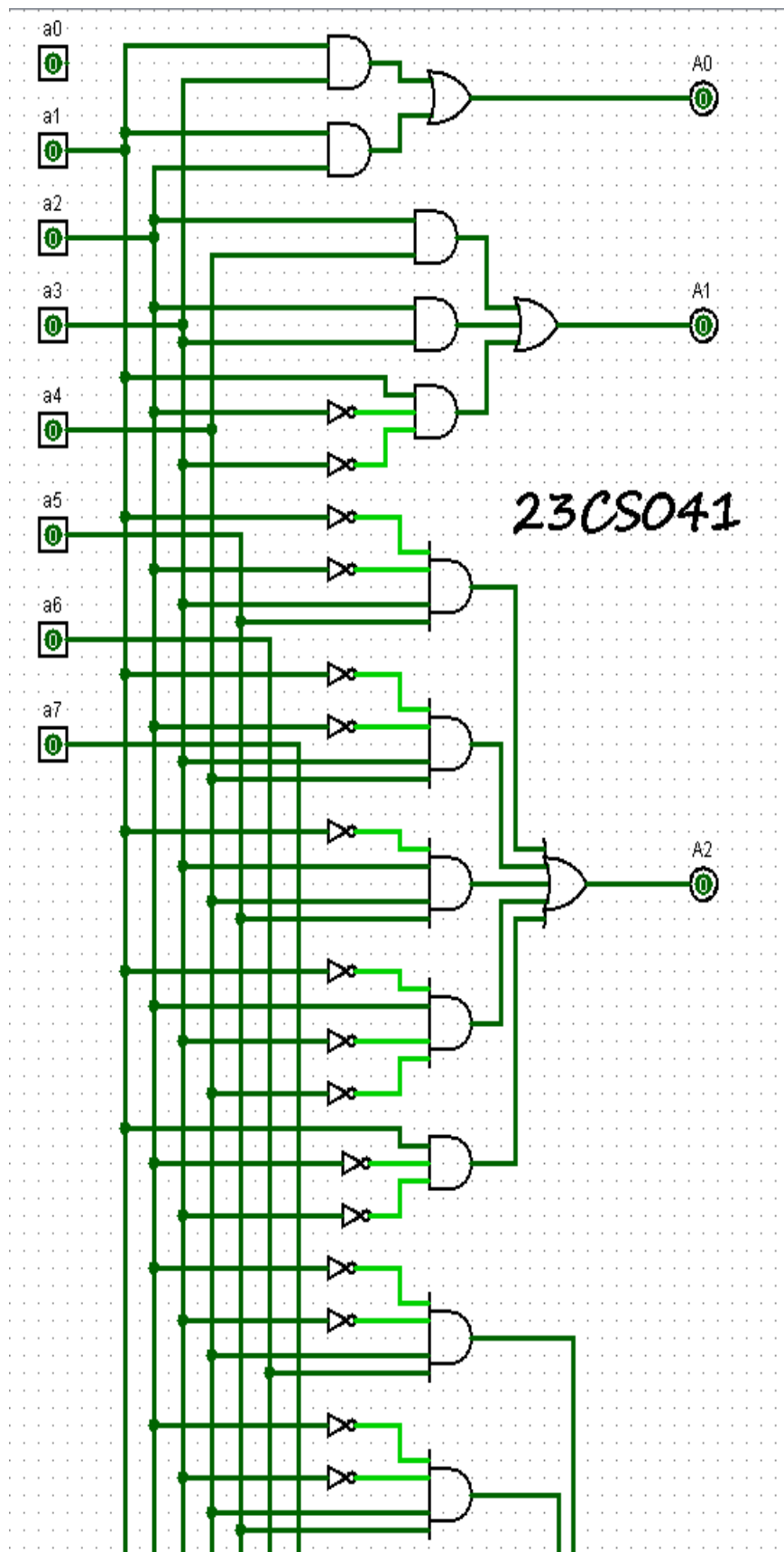
CIRCUITS:

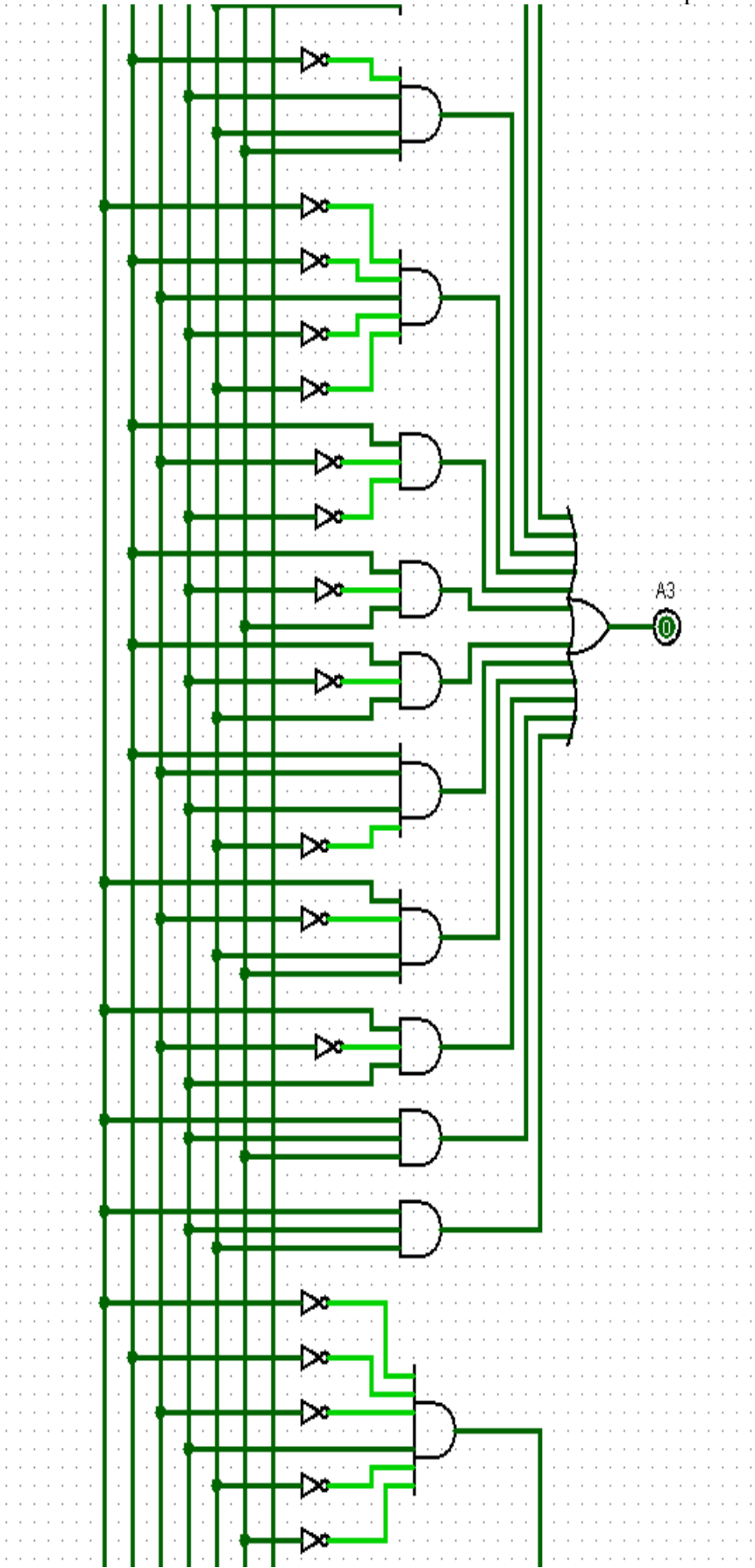
1) 0 to 9 :

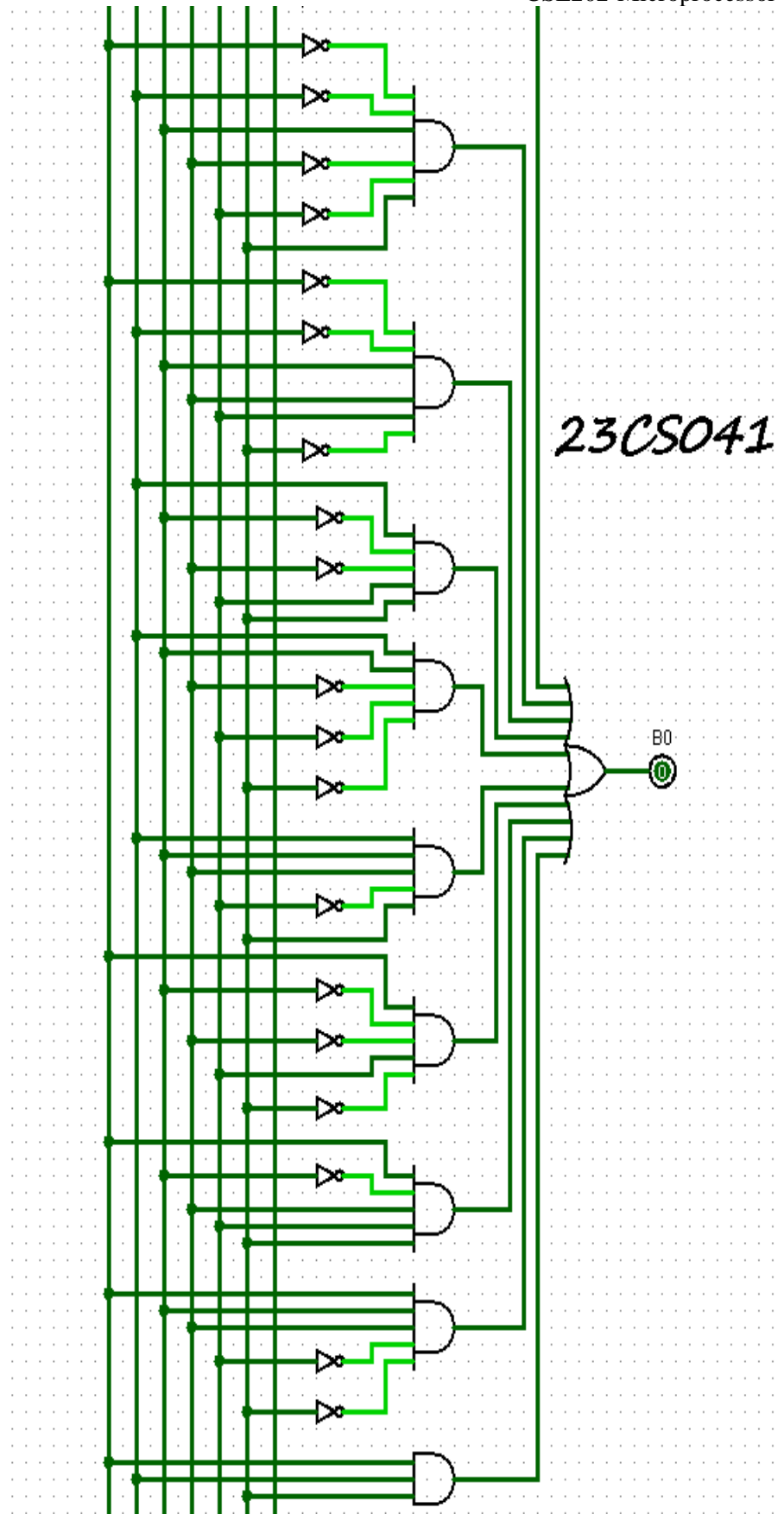


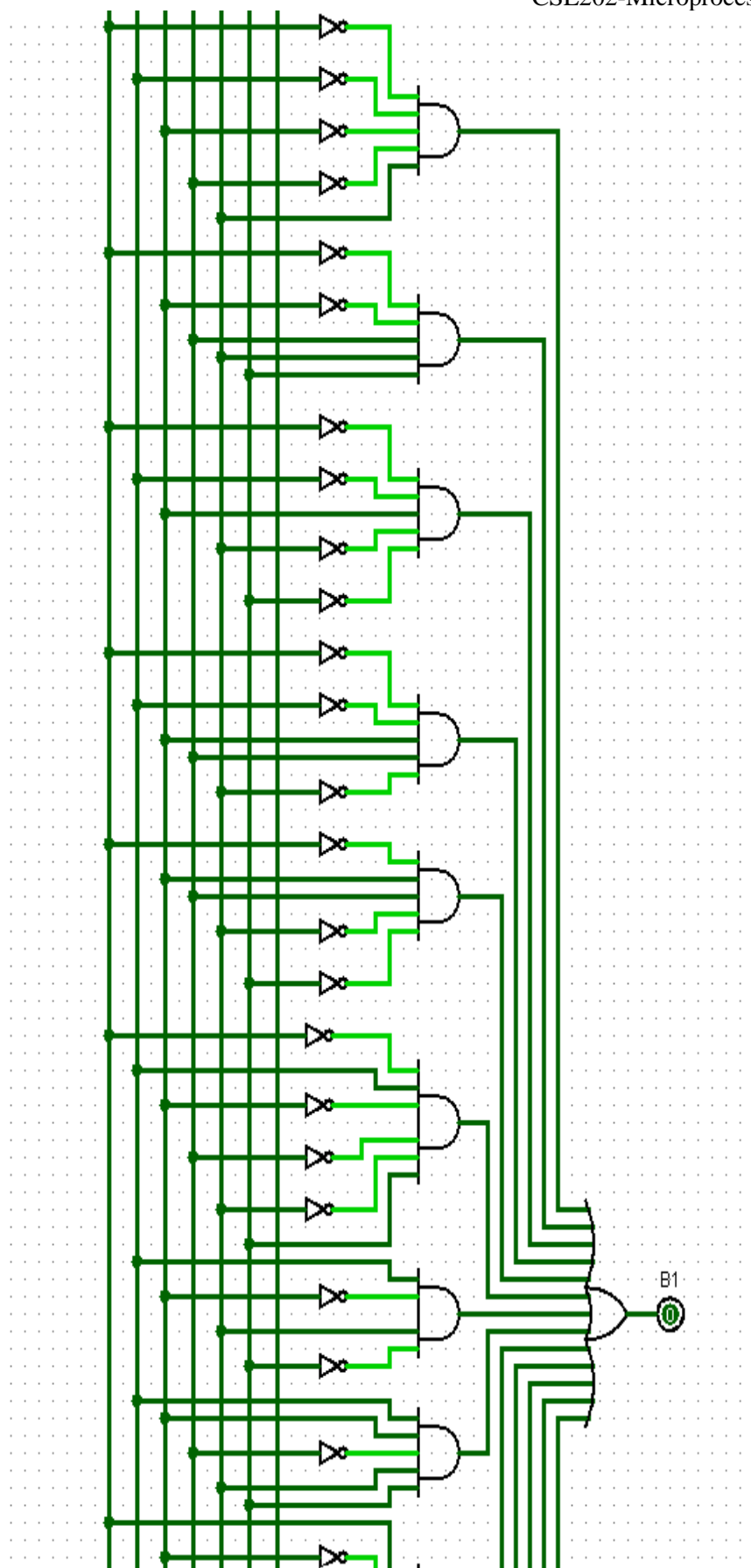


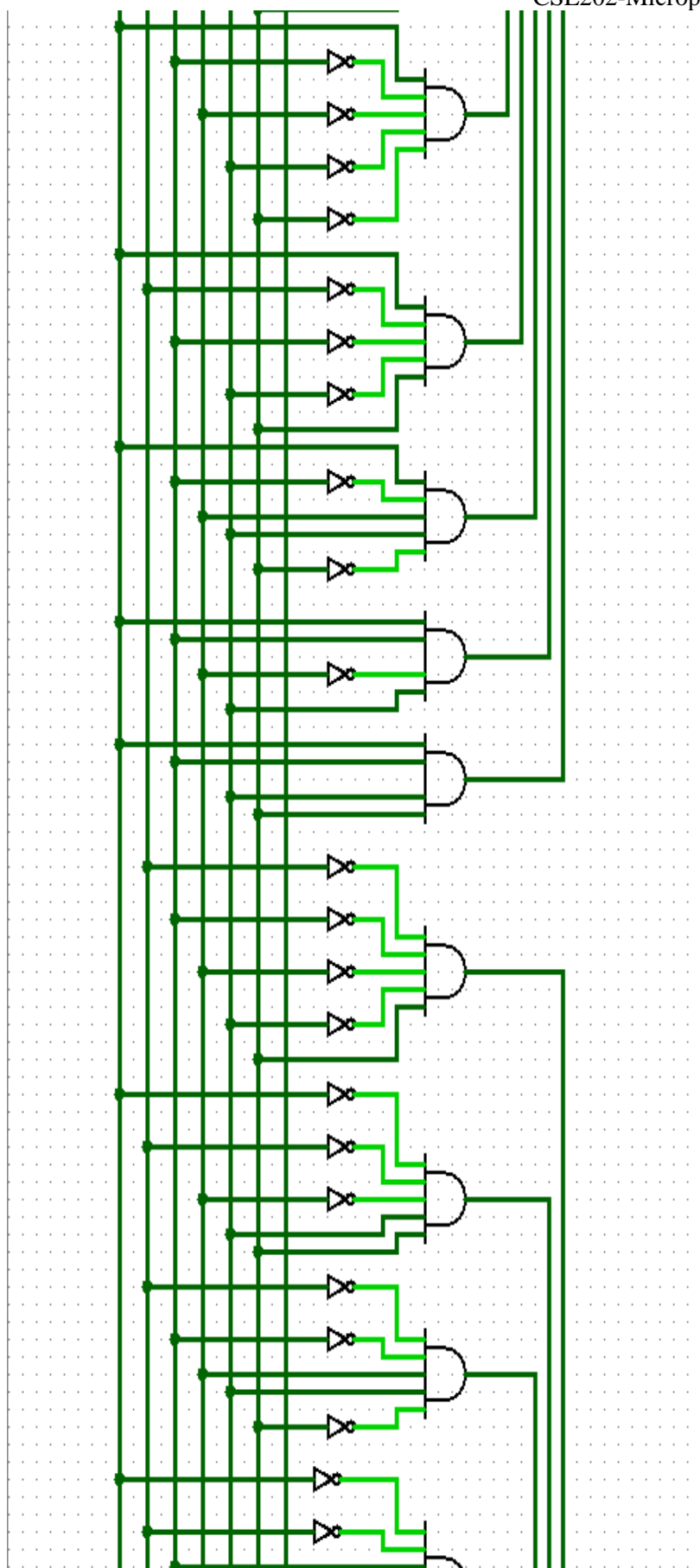
2) 0 to 99 :

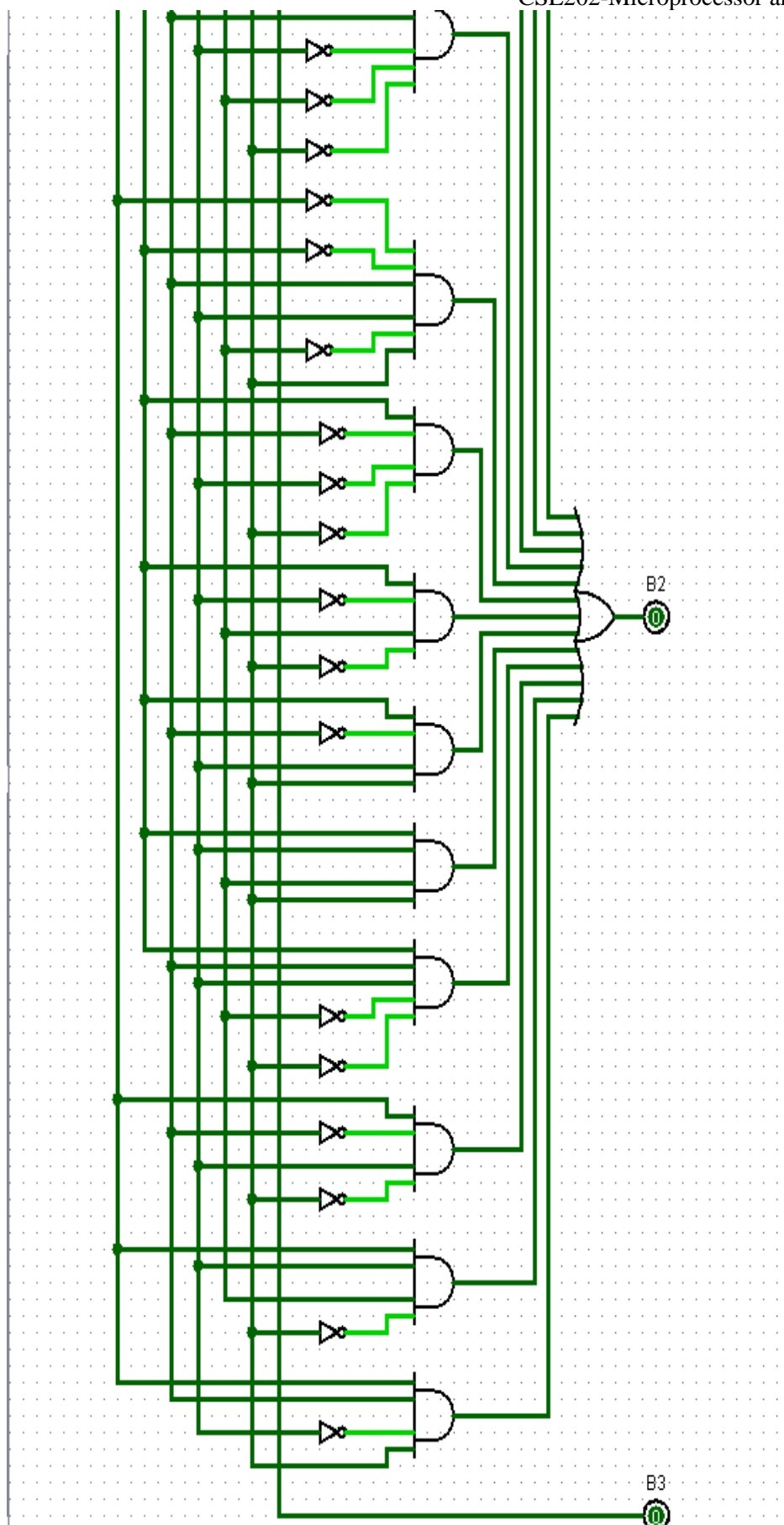


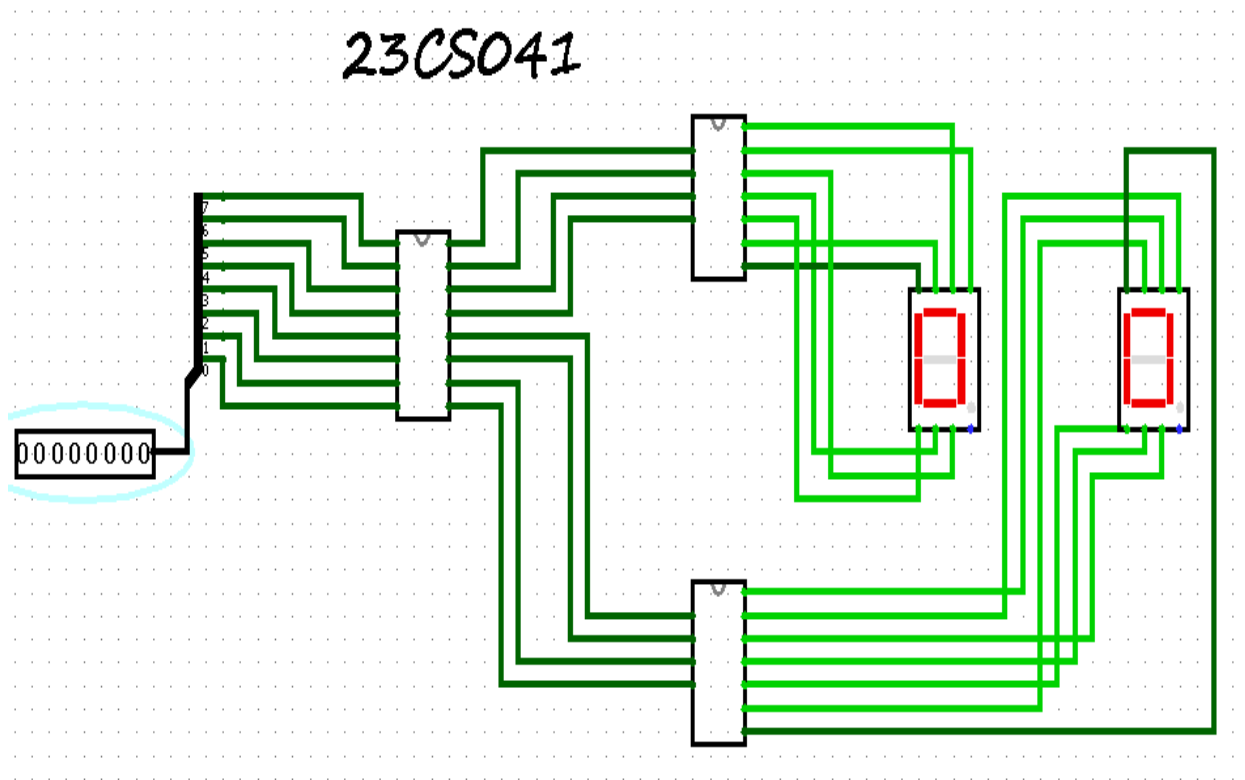




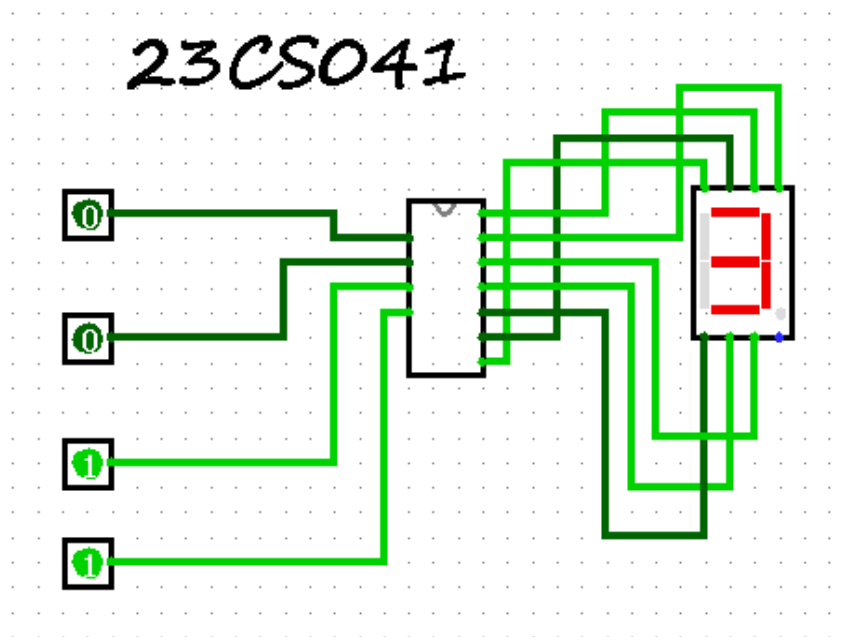


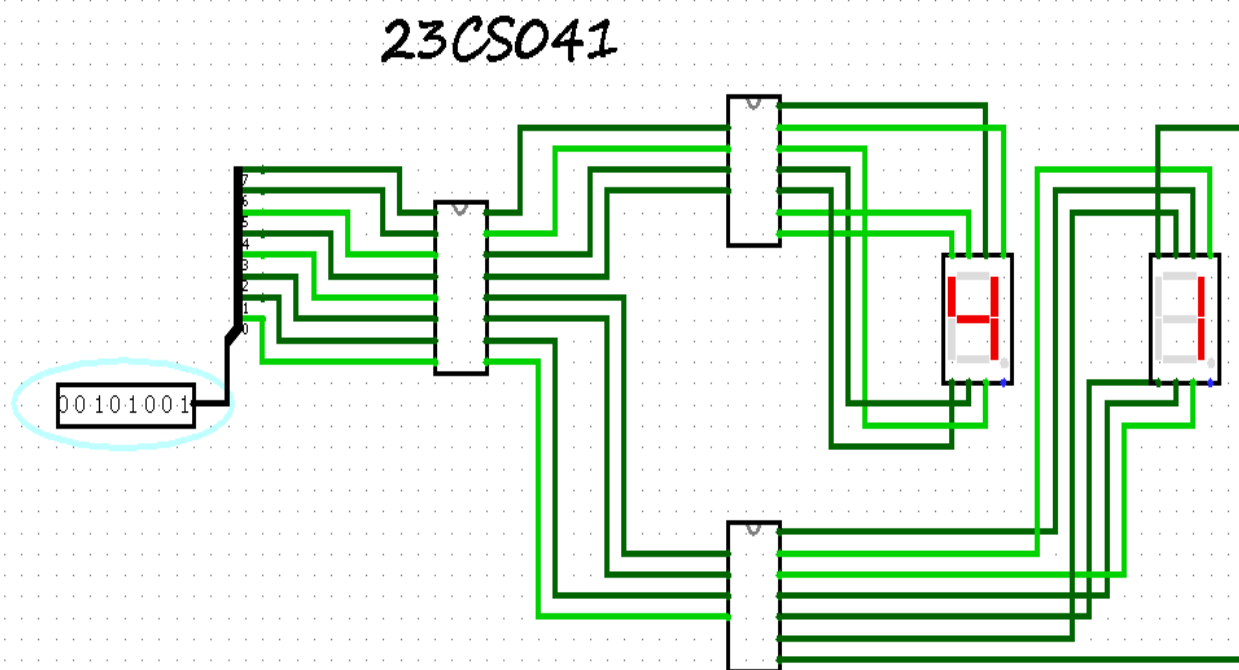
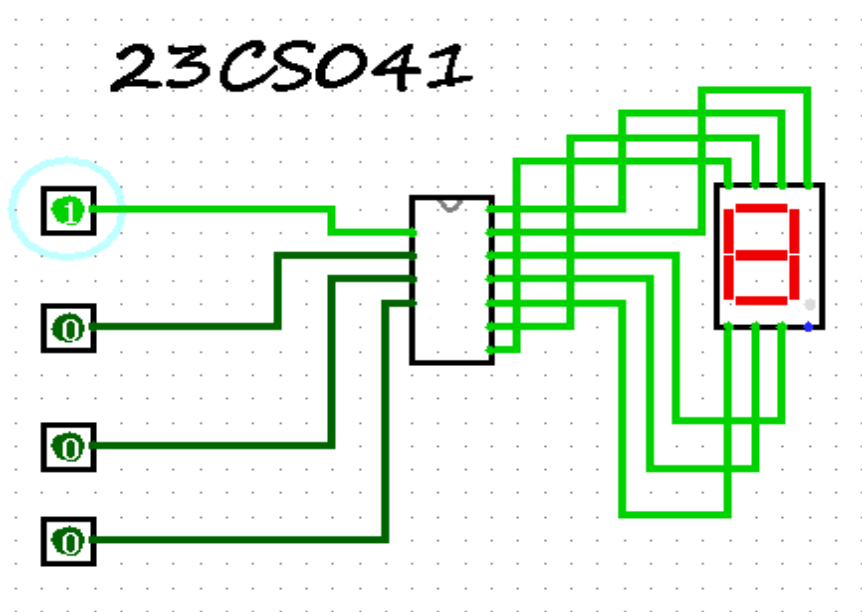




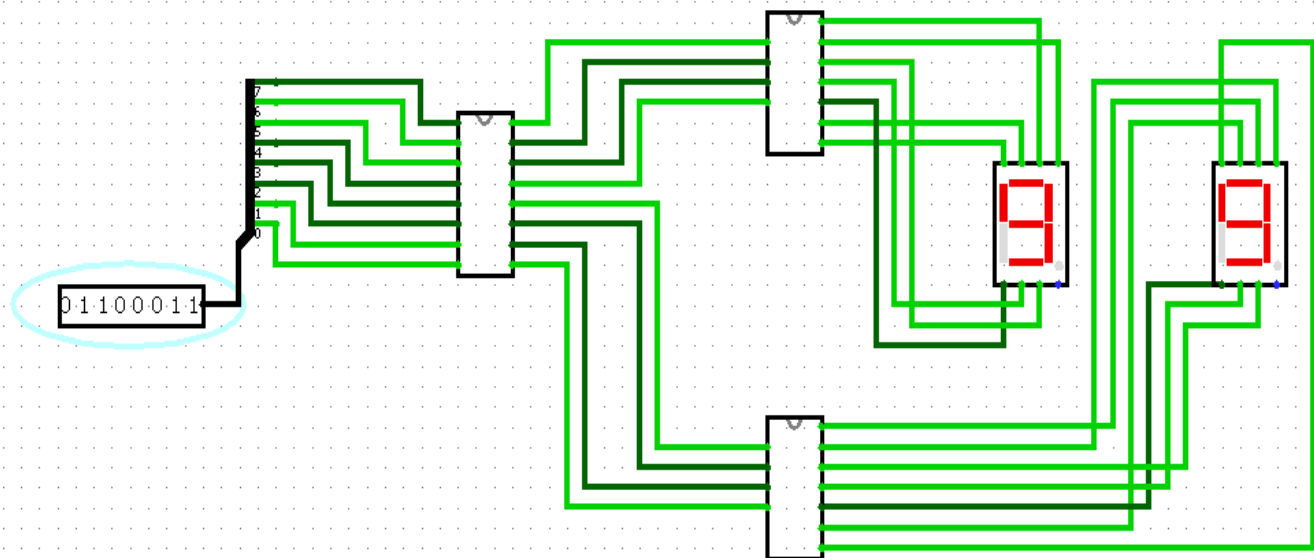


OUTPUTS:





23CS041



CONCLUSION:
