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:

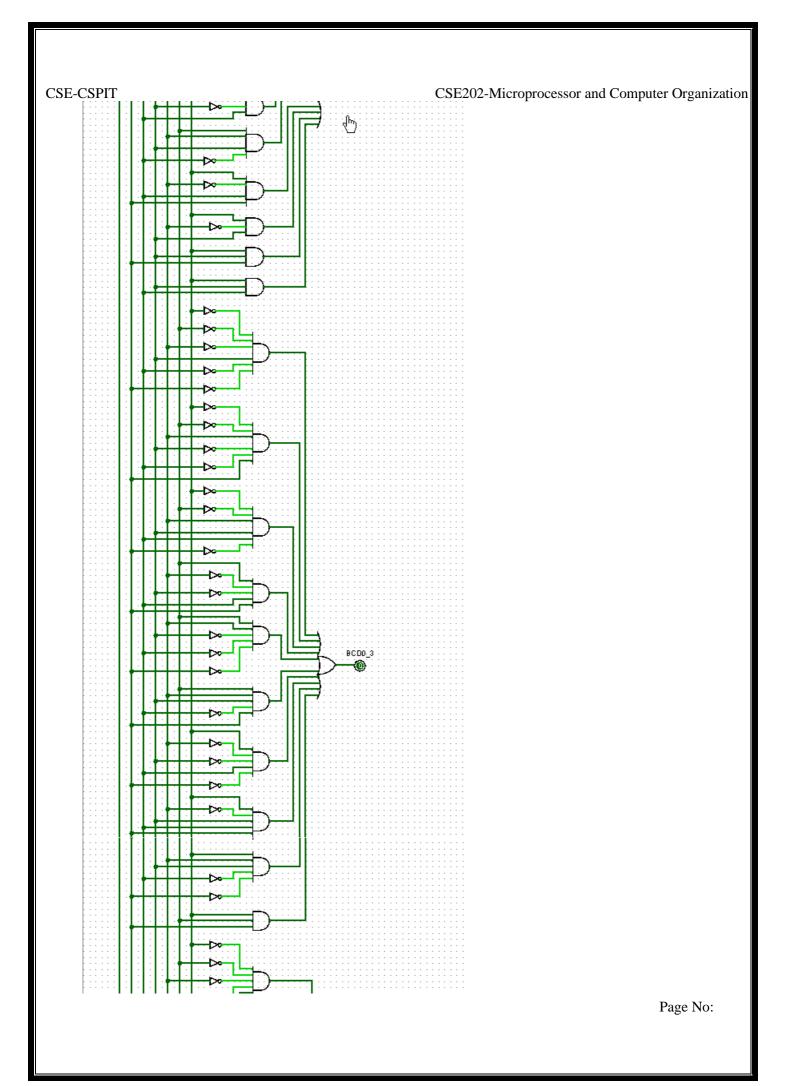
i. display 0 to 9 on a seven segment display with binary number as input

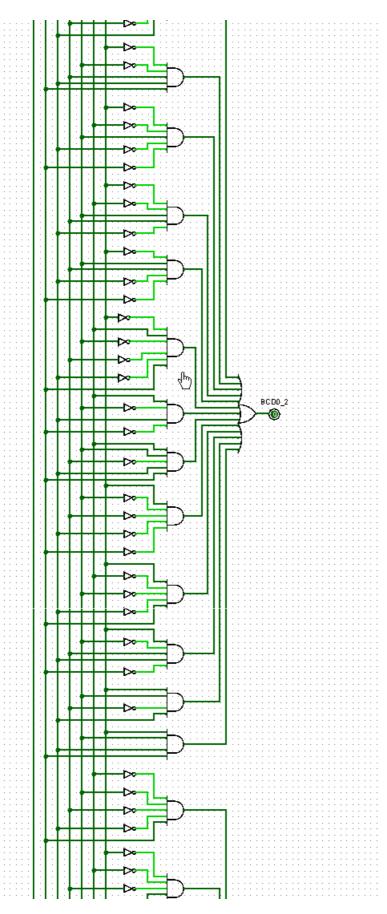
ii. display 0 to 99 using two seven segment displays with binary number as input

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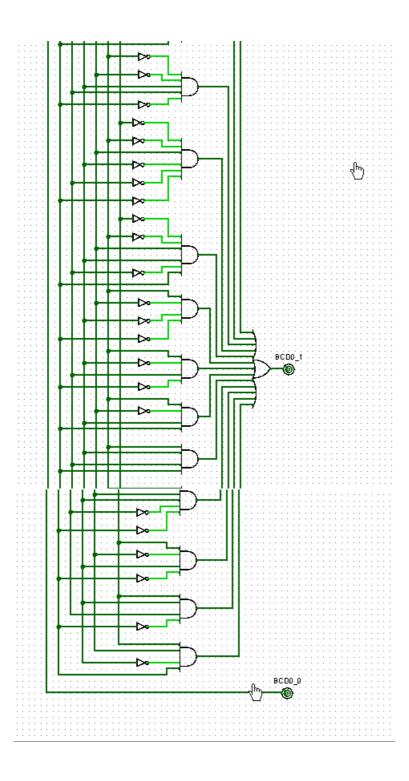
CIRCUITS:

Binary To Bcd BCD1_3 85 **©** 23CS042 84 **©** 93 **@** BCD1_2 B2 B1 B0 BCD1_1 (L) BCD1_0

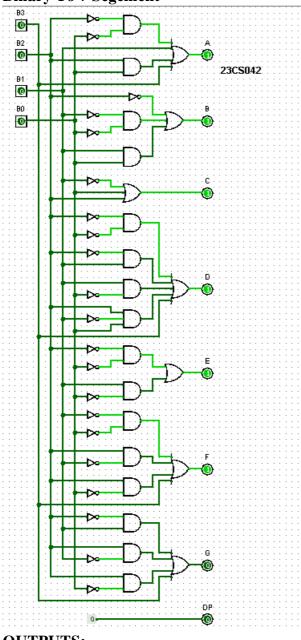




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Binary To 7 Segement



OUTPUTS:

