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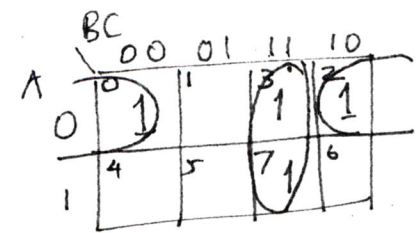
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(PANIC) PLAN
Lab 1: Combinational Circuit

FOLLOW THE PROCESS

Lab Kit (./Lab.html) Lab 2 (./Lab2.html)



$m_0 + m_2 + m_3 + m_7$

Implement a Combinational Circuit

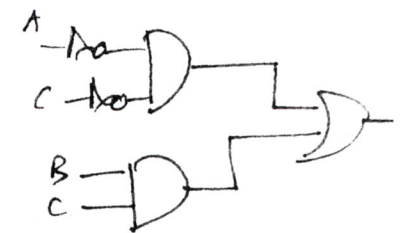
February 13 by Bina

Implement a combinational circuit defined by the functions given define below.

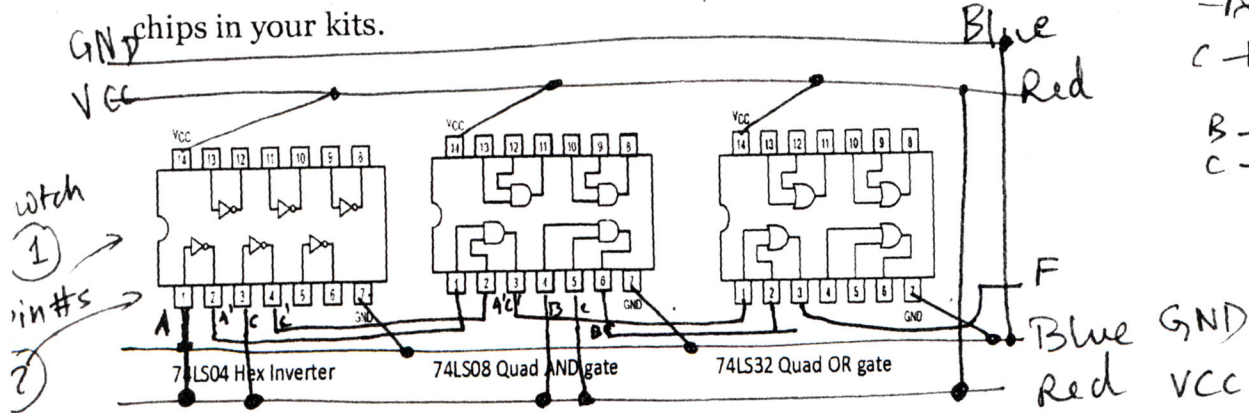
Consider the function: $F(A,B,C) = m_0 + m_2 + m_3 + m_7$
 Simplify the function and implement the simplified function.

2 groups of 2 1's
 $f(A,B,C) = A'C' + BC$

AND OR NOT



Implement these functions using {AND, OR, and NOT} IC chips in your kits.



Instructions

1. Draw the connections on the sheet with the ICs.
2. Identify the ICs and the breadboard in your lab kit
3. Place the IC firmly on the breadboard. Make the connections using jumper wires.
4. We will provide the test pattern to test your circuit.