CMPE212 Lab8- Lab Assignment 2

Objective
To obtain the truth table for each segment of the 7-segment display and implement the circuit.

Instructions-

1. Find the truth table for each segments of the display for the given problem.

2. Find the expression for each segment using K-map or any other technique from the truth table.

3. Build the circuit to implement the function you obtained.

4. Show the results to the TAs.

    Notes: 1) If there's no output for any input combination, always use those inputs as don't care.
    2) Making truth table and finding expressions carries equal points as building the circuit. So, don't panic if the circuit doesn't work as desired.
    3) Try to finish in time.
    4) Again, check for the display pins if they're connected to resistors.

Remarks

-   Connect the DIP switch properly.

-   Don't forget to return the breadboards and multimeters with cables.

-   Always ask questions to your TAs.