

# CMPE212 Lab7- Interfacing 7-Segment Displays

## 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 following case-  
It will have 2-bit input. It will display H for the input 00, P for 01, E for 10 and U for 11
2. Find the expression for each segment.
3. Build the circuit to implement the function you obtained.
4. Show the results to the TAs.

## Remarks

Connect the DIP switch properly.

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

Always ask questions to your TAs.