Lab 6. Timer

Timer

A Digital Decoder IC, is a device which converts one digital format into another and one of the most commonly used devices for doing this is called the Binary Coded Decimal (BCD) to 7-Segment Display Decoder.
7-segment LED (Light Emitting Diode) or LCD (Liquid Crystal Display) type displays, provide a very convenient way of displaying information or digital data in the form of numbers, letters or even alphanumerical characters.
Buzzer
A buzzer is a device, which makes a buzzing or beeping noise.

Hardware Required (Circuit AND-OR):

- Hardware Required:
- Arduino or Genuino Board
- Display Decoder
- Four (4) 10K resistors to connect the d-switch
- Two(2) 220 Ohm resistor to connect the display
- 1 resistor 100 Ohm from the buzzer
- 1 Buzzer
- Dip-switch
- (n) hook-up wires
- breadboard

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Schematic:

Lab 6- Timer Schematic.pdf (https://slcc.instructure.com/courses/1004604/files/165676980/download?wrap=1) (https://slcc.instructure.com/courses/1004604/files/165676980/download?download_frd=1)

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