

Hands on first session

Task1 (metro alarm):-

- Components:-

- 1 LED
- 1 Buzzer
- 1 Push Button

- Scenario:-

- While pressing on the button the LED and buzzer will turn on for one second and turn off for one second
- While not pressing on the button the LED and buzzer will be turn off

Task2:-

- Components:-

- 5 LEDS

- Scenario:-

- The first LED turns on for one second and the rest are turn off then the second LED

turns on for one second and the rest are off and so on with all the LEDs.

Task3 :-

- Components:-

- 2 LEDs
- 1 Potentiometer

- Scenario:-

- Make 1 LED light with the value of potentiometer and the second LED light with the inverse of the first LED
- Ex (if the first LED light with the max value, the second LED light with 0 value. If the first LED light with value 100 the second LED light with value 155).