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Internet of Things -Lab Assignment

CS-Vth Sem.

1. Installation and Execution of Arduino IDE.

2. Interfacing and Blinking of Light Emitting Diode (LED) with Arduino Uno board.

3. Blinking of tri color Light Emitting Diode (LED) with Arduino Uno board.

4. Blinking of LED when button is pressed with Arduino Uno board.

5. Interfacing Light Dependent Resistor (LDR) and LED with Arduino Uno board.

6. Interfacing Temperature Sensor (LM35) with Arduino Uno board.

7. Interfacing Humidity Sensor (DHT11) with Arduino Uno board.

8. Interfacing Liquid Crystal Display (LCD) with Arduino Uno board.

9. Interfacing Temperature Sensor (LM35) with Arduino Uno board.

10. Display data on LCD generated by sensors with Arduino Uno board