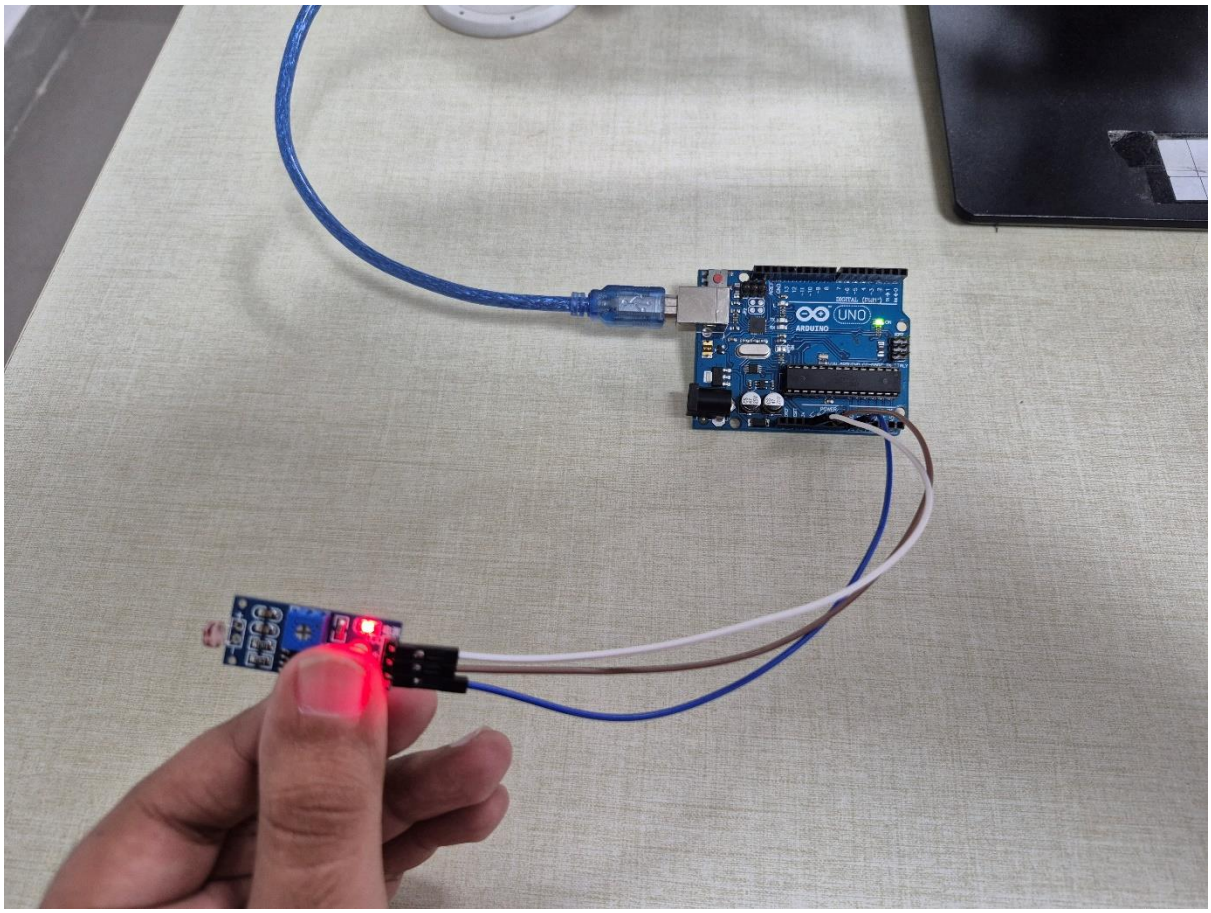
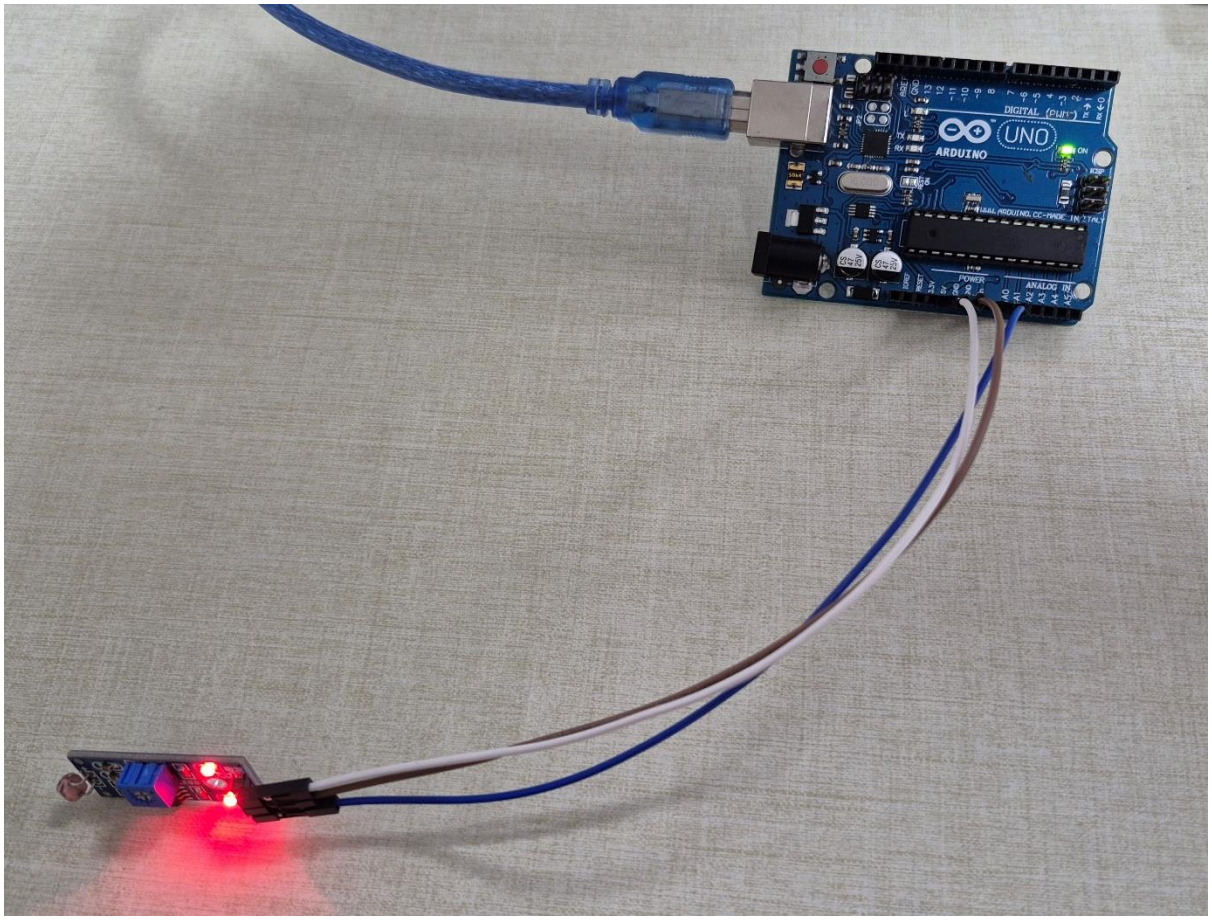
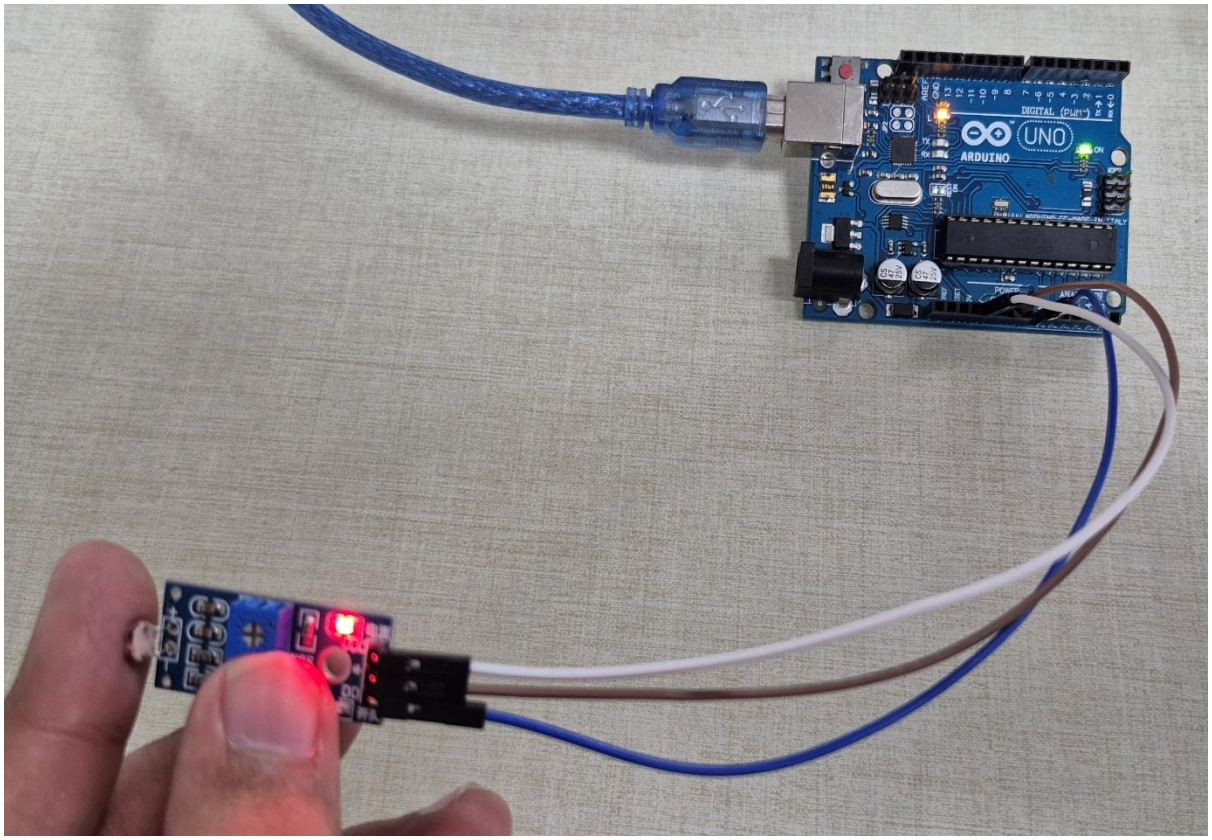
LDR_Sensor.ino

```
1   void setup() {
2     pinMode(LED_BUILTIN, OUTPUT);
3   }
4
5   void loop() {
6     int sensorValue = analogRead(A0);
7     if(sensorValue > 700)
8     {
9       digitalWrite(LED_BUILTIN, HIGH);
10    }
11    else
12    {
13      digitalWrite(LED_BUILTIN,LOW);
14    }
15    delay(10);
16  }
```




UNO
ARDUINO


UNO
ARDUINO

Output Serial Monitor ×

Message (Enter to send message to 'Arduino Uno' on 'COM8')

```
DHT11 Test!
Humidity: 59.00%, Temperature: 25.00°C
Humidity: 59.10%, Temperature: 25.00°C
Humidity: 59.10%, Temperature: 25.00°C
Humidity: 59.10%, Temperature: 25.00°C
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Humidity: 59.00%, Temperature: 25.00°C
Humidity: 59.00%, Temperature: 25.00°C
```
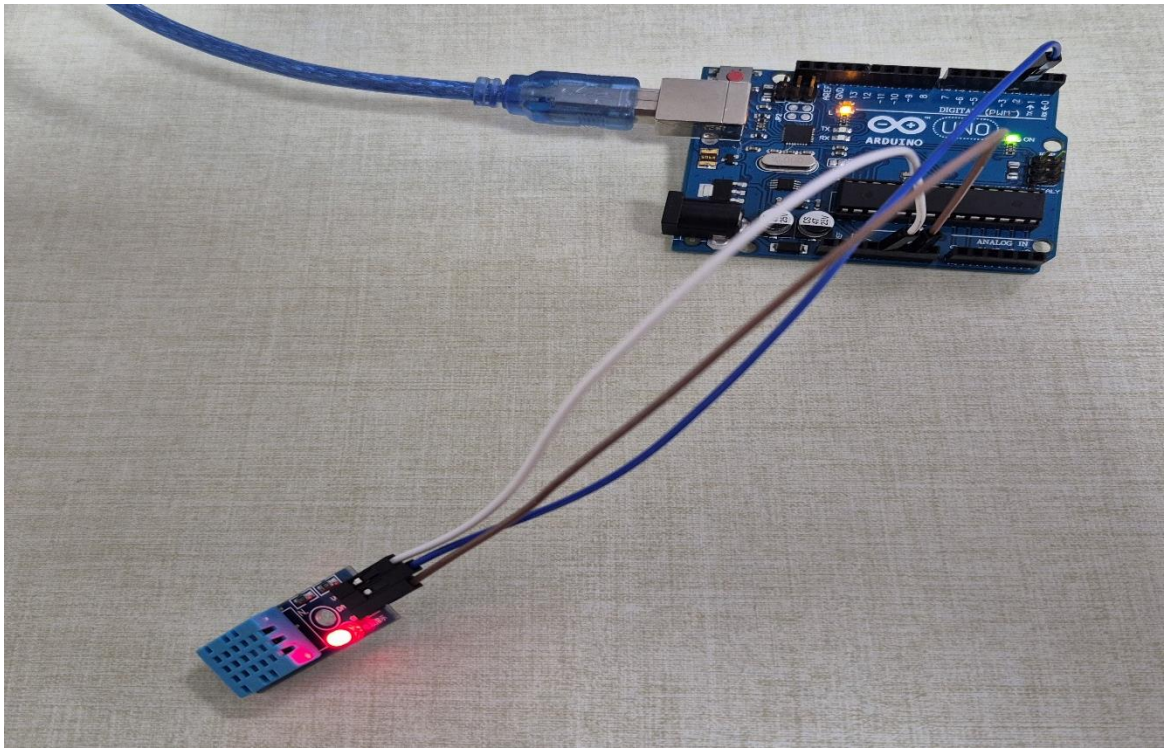
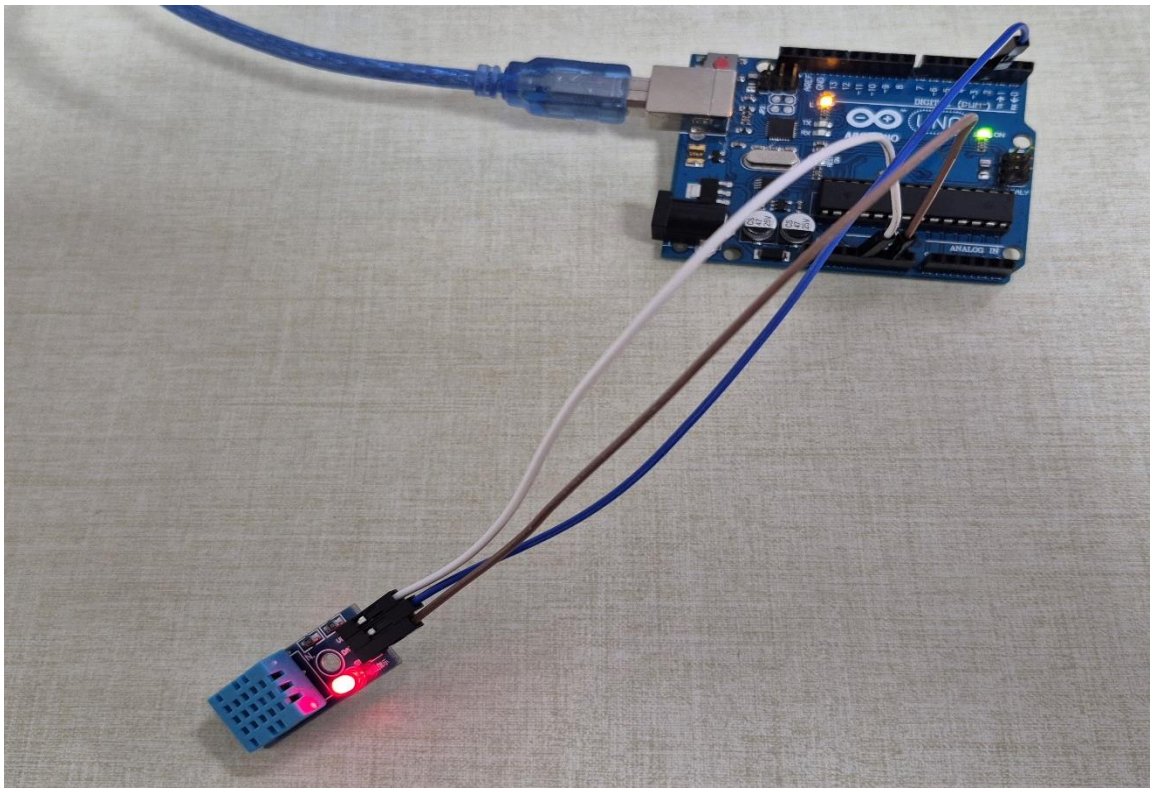

DHT_Sensor.ino

```
#include "DHT.h"
#define  DHTPIN 2
#define DHTTYPE DHT11
//DHT dht(2,DHT11)
DHT dht(DHTPIN,DHTTYPE);
void setup() {
  Serial.begin(9600);
  Serial.println("DHT11 Test!");
  dht.begin();
}
void loop() {
  delay(2000);
  float humidity = dht.readHumidity();
  float temperature = dht.readTemperature();
  if (isnan(humidity) || isnan(temperature))
  //isnan = is NOT A NUMBER which returns true when it is not a number
  {
    Serial.println("Failed to read from DHT Sensor!");
    return;
  }
  else
  {
    Serial.print("Humidity: ");
    Serial.print(humidity);
    Serial.print("%, Temperature: ");
    Serial.print(temperature);
    Serial.println("°C");
  }
}
```


ARDUINO
UNO
ANALOG IN


ANALOG IN