|  |
| --- |
| int ldrval=analogRead(15); |
|  | float h = dht.readHumidity(); |
|  | float t = dht.readTemperature(); |
|  | float f = dht.readTemperature(true); |
|  | if (isnan(h) || isnan(t) || isnan(f)) { |
|  | Serial.println("Failed to read from DHT sensor!"); |
|  |  |
|  | } |
|  | else |
|  | { |
|  | Serial.print("Humidity: "); |
|  | Serial.println(h); |
|  | Serial.print("% Temperature: "); |
|  | Serial.println(t); |
|  | Serial.print("°C "); |
|  | Serial.println(f); |
|  | Serial.print("the LDR intensity is:"); |
|  | Serial.println(ldrval); |
|  | display.clearDisplay(); |
|  | display.setTextSize(1); |
|  | display.setTextColor(WHITE); |
|  | display.setCursor(0, 10); |
|  | display.println(" "); |
|  | display.print("the ldr intensity is "); |
|  | display.println(ldrval); |
|  | display.print("Humidity: "); |
|  | display.print(h); |
|  | display.println("%"); |
|  | display.print("Temparature: "); |
|  | display.print(t); |
|  | display.println("°C "); |
|  | display.print(f) |
|  |  |
|  | display.display(); |
|  | } |
|  | } |