#include <DHT.h>

#define DHTPIN 2 // Pin where the DHT11 is connected

#define DHTTYPE DHT11 // DHT sensor type

DHT dht(DHTPIN, DHTTYPE);

void setup() {

Serial.begin(9600); // Start the serial communication

dht.begin(); // Initialize the DHT sensor

}

void loop() {

delay(2000); // Delay for 2 seconds between readings

float temperature = dht.readTemperature(); // Read temperature in Celsius

// Check if the temperature reading is valid

if (isnan(temperature)) {

Serial.println("Failed to read temperature from DHT sensor!");

return;

}

// Print the temperature value to the serial monitor

Serial.print("Temperature: ");

Serial.print(temperature);

Serial.println(" °C");

}