Practical 1:

PROGRAM TO SEND ALERT MESSAGES

#include <DHT.h>

#define dhtpin 2

// Include the DHT library

#define dhttype DHT22

#define buzzerPin 3

// Define the buzzer pin

DHT dht(dhtpin, dhttype);

void setup()

{

}

Serial.begin(9600);

dht.begin();

pinMode(buzzerPin, OUTPUT);

void loop()

{

// Set buzzer pin as output

float temperature dht.readTemperature();

if (temperature > 30)

{

sendAlert("Temperature Alert!l");

digitalWrite(buzzerPin, HIGH);

delay(2000);

// Buzzer sound duration (1 second)

digitalWrite(buzzerPin, LOW);

delay(2000);

}

// Turn off the buzzer

void sendAlert(String msg)

{

Serial.println(msg);

}

