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Exercise the motor using

the L293D chip and DHT11

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// include the library code:

#include <SimpleDHT.h>

// set the DHT Pin

int pinDHT11 = 8;

SimpleDHT11 dht11;

#define ENABLE 5

#define DIRA 3

#define DIRB 4

void setup() {

//---set L293D

pinMode(ENABLE,OUTPUT);

pinMode(DIRA,OUTPUT);

pinMode(DIRB,OUTPUT);

// set up the LCD's number of columns and rows:

Serial.begin(9600);

}

//------------------

void loop() {

//DHT11

// start working...

Serial.println("=================================");

Serial.println("Sample DHT11...");

// read with raw sample data.

byte temperature = 0;

byte humidity = 0;

byte data[40] = {0};

if (dht11.read(pinDHT11, &temperature, &humidity, data)) {

Serial.print("Read DHT11 failed");

return;

}

Serial.print("Sample RAW Bits: ");

for (int i = 0; i < 40; i++) {

Serial.print((int)data[i]);

if (i > 0 && ((i + 1) % 4) == 0) {

Serial.print(' ');

}

}

Serial.println("");

Serial.print("Sample OK: ");

Serial.print((int)temperature); Serial.print(" \*C, ");

Serial.print((int)humidity); Serial.println(" %");

if((int)temperature>=\_\_\_ && (int)temperature<\_\_\_){ **//PONER Tª EN \_\_\_**

analogWrite(ENABLE,\_\_); **//PONER VELOCIDAD VENTILADOR EN \_\_ (MÁX 255)**

digitalWrite(DIRA,HIGH); //one way

digitalWrite(DIRB,LOW);

}

if((int)temperature>=\_\_ && (int)temperature<\_\_){ **//PONER Tª EN \_\_\_**

analogWrite(ENABLE,\_\_); **//PONER VELOCIDAD VENTILADOR EN \_\_ (MÁX 255)**

digitalWrite(DIRA,HIGH); //one way

digitalWrite(DIRB,LOW);

}

if((int)temperature>=\_\_){ **//PONER Tª EN \_\_\_**

analogWrite(ENABLE,\_\_);**//PONER VELOCIDAD VENTILADOR EN \_\_ (MÁX 255)**

digitalWrite(DIRA,HIGH); //one way

digitalWrite(DIRB,LOW);

}

}