

Lab Assignment 1

Assume that to each person one DHT 11 sensor is assigned.

DHT11 is Temperature and Humidity Sensor and its Operating Voltage is 3.5V to 5.5V, Temperature Range: 0°C to 50°C & Humidity Range: 20% to 90%

Your task is :

1. To generate random values for temperature and humidity which lies in the mentioned range(As if DHT11 sensor is providing values).
2. Pin setup: Then you will read these values(Reading random generated data (as if you are reading from sensor))
3. Controlling Part :- You will set some threshold :
 1. Above that threshold you will print weather is hot and value of humidity.
 2. Below that threshold you will print weather is cold and value of humidity.