

## Project 5

### Raspberry-pi- based weather status using dht11

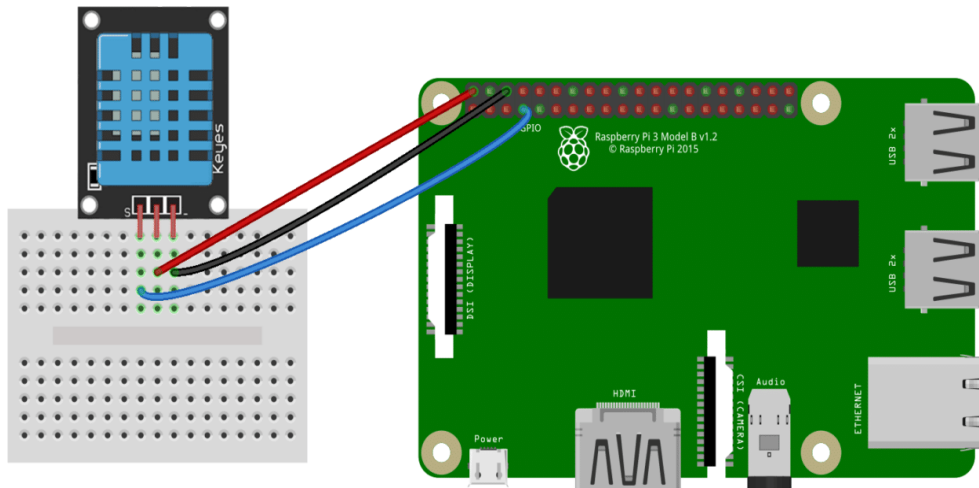
#### Introduction

In this project you are going to make weather monitoring station from where you can check the Temperature and Humidity level from Python Shell.

#### Hardware Required

- Raspberry Pi
- DHT-11
- Connecting Wires
- Breadboard
- Power Supply

#### Hardware Setup



#### Python Coding

```
import Adafruit_DHT  
  
sensor = Adafruit_DHT.DHT11  
  
pin = 4
```

```
humidity, temperature = Adafruit_DHT.read_retry(sensor, pin)

print(temperature)

print(humidity)
```

## Output

After running the code, you will be able to see the temperature and humidity on the python shell.