ASSIGNMENT-2

Domain Name   : Internet Of Things

Team Member   : K.Rajeswari

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Aim :

To build a python code by assuming we get the temperature and humidity values (generated with random function to a variable) and to write a condition to continuously detect alarm in case of high temperatures.

CODE :

```python
import machine,onewire, ds18x20, time

ds_pin=machine.Pin(22)

ds_sensor=ds18x20.DS18X20(onewire.OneWire(ds_pin))

roms=ds_sensor.scan()

print('Found DS devices: ', roms)

while True:
    ds_sensor.convert_temp()
        time.sleep_ms(750)
        for rom in roms:
            print(rom)
            print(ds_sensor.read_temp(roms))
        time.sleep(5)
```