IBM ASSIGNMENT 2

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AIM :

To build a python code, to assume temperature and humidity values(Generated with random function to a variable) and write a condition to continuously detect alarm in case of high temperature.

CODE :

```
Import machine,onewire, ds18x20, time

ds_pin=machine.Pin(22)

ds_sensor=ds 18X20.DS18X20(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)
```