**IBM ASSIGNMENT 2**

|  |  |
| --- | --- |
| Assignment date | **29 August 2022** |
| Student Name | **Gowtham Raj V** |
| Student Roll Number | 73771913403 |
| Maximum Marks | **2marks** |

**Build a python code, Assume u get temperature and humidity values (generated with random function to a variable) and write a condition to continuously detect alarm in case of high temperature.**

**PROGRAM:**

import random

import time

while(1!=0):

temperature = random.random()

humidity = random.random()

print("Temperature: ","%.3f" % temperature)

print("Humidity: ","%.3f" % humidity)

time.sleep(2)

if (temperature > 0.5):

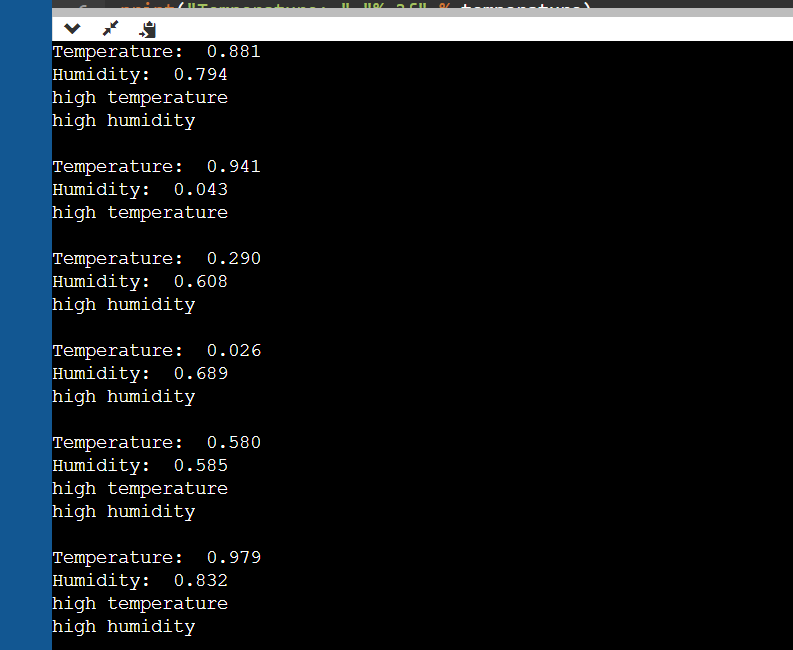
print("high temperature")

if ( humidity >0.5):

print("high humidity")

print(" ")

**OUTPUT:**

****