IBM ASSIGNMENT – 2

**Name:** VINITHKRISHNA S V

**College:** BANNARI AMMAN INSTITUTE OF TECHNOLOGY

**ASSIGNMENT QUESTION:**

Build a python code, assume you 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.

**CODE:**

import random

from time import sleep

while True:

    temperature=round(random.uniform(10, 50),2)

    humidity=round(random.uniform(10, 100),2)

    print("\nTemperature =", temperature,"degree celsius")

    print("Humidity = ",humidity,"%")

    if(temperature>32):

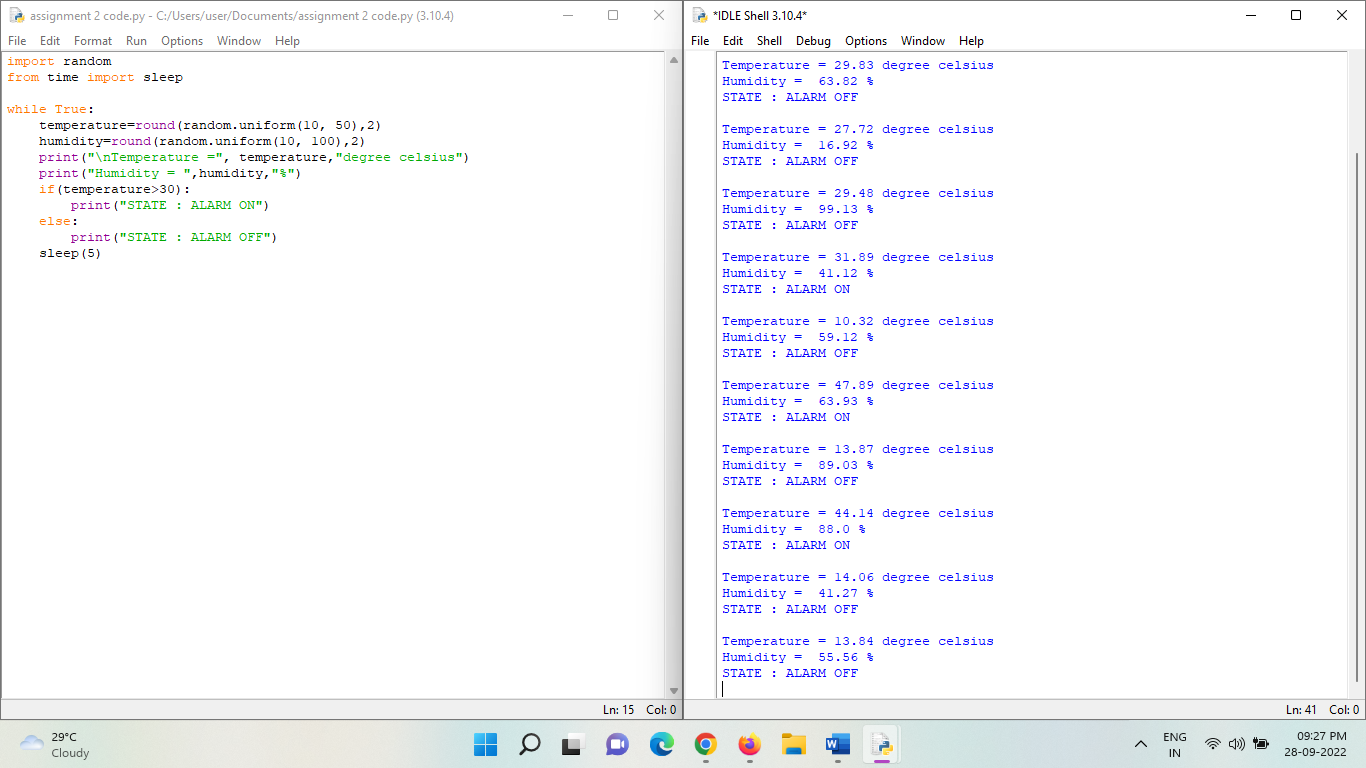
        print("STATE : ALARM ON")

    else:

        print("STATE : ALARM OFF")

    sleep(5)

**OUTPUT:**

****