**Assignment 2**

**IOT Assignment Topic: Assignment on temperature and humidity sensing and alarm automation using python**

**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>30):

        print("STATE : ALARM ON")

    else:

        print("STATE : ALARM OFF")

    sleep(5)

**OUTPUT:**

