Assignment - 2

Python Programming

Assignment Date	21 September 2022
Student Name	Mr. VINOTH
Student Roll Number	513419106044
Maximum Marks	

Question-1:

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:

#Weather data From Kanchipuram

#import the request module from pip import requests, json

#getting weather apiKey from Openweathermap apiKey="d3bcb2501b7fa0ed5ea247df2c8f6969"

cityName = "Kanchipuram"

#The url provides the weather data about the city

url =" https://api.openweathermap.org/data/2.5/weather?q="+ cityName + "&appid="+ apiKey + "&units=metric"

response = requests.get(url)

data =response.json()

```
Temperature=data["main"]["temp"]

Humidity=data['main']['humidity']

print("The temperature is " + str(Temperature) +"°C")

print("The humidity is " + str(Humidity) +"%")

if Temperature < 35:
    print("NORMAL TEMPERATURE")
```

while int(Temperature)>35: print("HIGH TEMPATURE")

OUTPUT