**Assignment 2**

**Python programming using open weather map**

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| **Assignment Date** | **28 September 2022** |
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**Question**

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

Solution:

#temp humidity

import requests #importing s library

import json

#replace the url & it should be in ""

a="https://api.openweathermap.org/data/2.5/weather?q=Bengaluru,IN&appid=0703d4125dd94573845b67e5c843c5a6"

r=requests.get(url=a)

print(r)

data=r.json()

print(data)

tem=data['main']['temp']

print (tem)

hum=data['main']['humidity']

print (hum)

<Response [200]>

{'coord': {'lon': 77.6033, 'lat': 12.9762}, 'weather': [{'id': 802, 'main': 'Clouds', 'description': 'scattered clouds', 'icon': '03d'}], 'base': 'stations', 'main': {'temp': 300.96, 'feels\_like': 303.33, 'temp\_min': 299.05, 'temp\_max': 302.71, 'pressure': 1009, 'humidity': 69}, 'visibility': 6000, 'wind': {'speed': 3.6, 'deg': 250}, 'clouds': {'all': 40}, 'dt': 1664362397, 'sys': {'type': 2, 'id': 2017753, 'country': 'IN', 'sunrise': 1664325521, 'sunset': 1664368918}, 'timezone': 19800, 'id': 1277333, 'name': 'Bengaluru', 'cod': 200}

300.96

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