DEVELOP A PYTHON SCRIPT

Date	13 November 2022
Team ID	PNT2022TMID54421
Project Name	Signs with Smart Connectivity for Better Road
	Safety

Signs with smart connectivity for Better road safety Create a code snippet using python to

- 1. Extract weather data from OpenWeatherMap using APIs
- 2. Send the extracted data to the cloud
- 3. Receive data from the cloud and view it in the python compiler

Code

import requests

a = "https://api.openweathermap.org/data/2.5/weather?lat = 13.0219092&lon = 80.154133&appid=6972cbb32a8138f93496ce0dc7d1fb33"

r=requests.get(url=a)
print(r)
data=r.json()
tem=data['main']['temp']
hum=data['main']['humidity']
print("temperature is:",tem)
print("humidity is:",hum)

```
popeanapp.py - D:\IBM work in progress\opeanapp.py (3.11.0)
 File Edit Format Run Options Window Help
a="https://api.openweathermap.org/data/2.5/weather?lat=13.0219092&lon=80.154133&appid=6972cbb32a&
r=requests.get(url=a)
print(r)
tem=data['main']['temp']
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print("temperature is:",tem)
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 ▶ IDLE Shell 3.11.0
                                                                                     File Edit Shell Debug Options Window Help
    Python 3.11.0 (main, Oct 24 2022, 18:26:48) [MSC v.1933 64 bit (AMD64)] on win32 
Type "help", "copyright", "credits" or "license()" for more information.
                ====== RESTART: D:\IBM work in progress\opeanapp.py =====
    <Response [200]>
    temperature is: 302.12
    humidity is: 79

■ 28°C
```