Develop a Python script

Date	19 November 2022
Team ID	PNT2022TMID42180
Project Name	Project – Smart solution for railways

Smart solution for railways

Create a code snippet using python to
1. Extract weather data from Open Weather Map using APIs
2. Send the extracted data to the cloud
3. Receive data from the cloud and view it in the python compiler

```python
import requests
a = "https://api.openweathermap.org/data/2.5/weather?q=Chennai,IN&appid=6d13d12f9cd34a07871a5795d01e2c47"
r = requests.get(url = a)
data = r.json()
print(r)
print(data)
temp = data["main"]["temp"]
hum = data["main"]["humidity"]
print("Temperature is : ",temp)
print("Humidity is : ",hum)
```

Python 3.6.5 Shell

File Edit Shell Debug Options Window Help

```
<Response [200]>
Temperature is :  298.14
>>>
==================== RESTART: E:/IBM/pre/weatherMap.py ==================
====
<Response [200]>
{'coord': {'lon': 80.2785, 'lat': 13.0878}, 'weather': [{'id': 701, 'main': 'Mist', 'description':
'mist', 'icon': '50n'}, {'id': 500, 'main': 'Rain', 'description': 'light rain', 'icon': '10n'}], 'bas
e': 'stations', 'main': {'temp': 298.14, 'feels_like': 299.15, 'temp_min': 298.14, 'temp_ma
x': 298.14, 'pressure': 1012, 'humidity': 94}, 'visibility': 2500, 'wind': {'speed': 1.54, 'deg
': 350}, 'rain': {'1h': 0.12}, 'clouds': {'all': 75}, 'dt': 1667317416, 'sys': {'type': 1, 'id': 9218,
'country': 'IN', 'sunrise': 1667262751, 'sunset': 1667304738}, 'timezone': 19800, 'id': 1
264527, 'name': 'Chennai', 'cod': 200}
Temperature is :  298.14
Humidity is :  94
>>>
```

Ln: 17 Col: 4

Ln: 10 Col: 26

Rain to stop   ENG 9:17 PM
                  IN   11/1/2022