PYTHON
- A1.3.py
- A13.py
- flowstart.py
- hello.py
- Weather_python.py
- Worldone.py

```python
Weather_python.py > ...
1    import requests
2
3    city=input("enter Your City -->")
4    Api_key = "a684abc9c4e1166da08989cfdadb417a" # Paste Your API ID Here
5
6    final_URL ="http://api.openweathermap.org/data/2.5/weather?q={}&appid={}".format(city,Api_key)
7
8    result = requests.get(final_URL)
9    data = result.json()
10
11   print(data)
12
13
```

PROBLEMS   OUTPUT   **TERMINAL**   DEBUG CONSOLE   1: Python

```
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\agbdd\OneDrive\Desktop\python> & C:/Users/agbdd/AppData/Local/Programs/Python/Python39/python.exe c:/Users/agbdd/OneDrive/Desktop/python/Weather_
python.py
enter Your City -->vegas
{'coord': {'lon': -81.818, 'lat': 22.7928}, 'weather': [{'id': 803, 'main': 'Clouds', 'description': 'broken clouds', 'icon': '04n'}], 'base': 'stations', 'm
ain': {'temp': 296.08, 'feels_like': 296.2, 'temp_min': 295.93, 'temp_max': 296.15, 'pressure': 1018, 'humidity': 68}, 'visibility': 9000, 'wind': {'speed':
9.26, 'deg': 50}, 'clouds': {'all': 75}, 'dt': 1617407489, 'sys': {'type': 1, 'id': 7254, 'country': 'CU', 'sunrise': 1617362302, 'sunset': 1617406966}, 'tim
ezone': -14400, 'id': 3548529, 'name': 'Vegas', 'cod': 200}
PS C:\Users\agbdd\OneDrive\Desktop\python> []
```

> OUTLINE

Python 3.9.2 64-bit   ⊗ 0 ⚠ 0   Ln 12, Col 1   Spaces: 4   UTF-8   CRLF   Python

EXPLORER   ...

⌄ PYTHON
  🐍 A1.3.py
  🐍 A13.py
  🐍 flowstart.py
  🐍 hello.py
  🐍 Weather_python.py
  🐍 Worldone.py

Tabs: a1-3.py | A3.1_loop_Watson.py | **Weather_python.py ✕**

🐍 Weather_python.py > ...

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Api_key = "a684abc9c4e1166da08989cfdadb417a" # Paste Your API ID Here

final_URL ="http://api.openweathermap.org/data/2.5/weather?q={}&appid={}".format(city,Api_key)

result = requests.get(final_URL)
data = result.json()

temprature = data['main']['temp']
print(temprature)
```

PROBLEMS   OUTPUT   **TERMINAL**   DEBUG CONSOLE   1: Python

```
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enter Your City -->vegas
296.08
PS C:\Users\agbdd\OneDrive\Desktop\python>
```

> OUTLINE

EXPLORER

Weather_python.py ›...

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Api_key = "a684abc9c4e1166da08989cfdadb417a" # Paste Your API ID Here

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result = requests.get(final_URL)
data = result.json()

temprature = data['main']['temp']
cordinatelon = data['coord']['lon']
cordinatelat = data['coord']['lat']
print(temprature," ",cordinatelat," ",cordinatelon)
```

PROBLEMS   OUTPUT   TERMINAL   DEBUG CONSOLE

```
PS C:\Users\agbdd\OneDrive\Desktop\python> & C:/Users/agbdd/AppData/Local/Programs/Python/Python39/python.exe c:/Users/agbdd/OneDrive/Desktop/python/Weather_python.py
enter Your City -->vegas
{'coord': {'lon': -81.818, 'lat': 22.7928}, 'weather': [{'id': 803, 'main': 'Clouds', 'description': 'broken clouds', 'icon': '04n'}], 'base': 'stations', 'main': {'temp': 296.08, 'feels_like': 296.2, 'temp_min': 295.93, 'temp_max': 296.15, 'pressure': 1018, 'humidity': 68}, 'visibility': 9000, 'wind': {'speed': 9.26, 'deg': 50}, 'clouds': {'all': 75}, 'dt': 1617407489, 'sys': {'type': 1, 'id': 7254, 'country': 'CU', 'sunrise': 1617362302, 'sunset': 1617406966}, 'timezone': -14400, 'id': 3548529, 'name': 'Vegas', 'cod': 200}
PS C:\Users\agbdd\OneDrive\Desktop\python> & C:/Users/agbdd/AppData/Local/Programs/Python/Python39/python.exe c:/Users/agbdd/OneDrive/Desktop/python/Weather_python.py
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296.08
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enter Your City -->vegas
296.09    22.7928    -81.818
PS C:\Users\agbdd\OneDrive\Desktop\python>
```

> OUTLINE