Besant Technologies Python Course:
Python Assignment (done by Vaishnav Nishanth AV):

Code:

```python
import requests

# Replace 'YOUR_API_KEY' with your actual OpenWeatherMap API key
api_key = 'YOUR_API_KEY'

# Replace 'YOUR_CITY' and 'YOUR_COUNTRY_CODE' with the city and country code of
the location you want to get weather data for
city = 'YOUR_CITY'
country_code = 'YOUR_COUNTRY_CODE'

# Define the API URL with the API key
url =
f'http://api.openweathermap.org/data/2.5/weather?q={city},{country_code}&appid={a
pi_key}'

# Send an HTTP GET request to the API
response = requests.get(url)

# Check if the request was successful
if response.status_code == 200:
    # Parse the JSON response
    data = response.json()

    # Extract relevant weather information
    weather_description = data['weather'][0]['description']
    temperature = data['main']['temp']
    humidity = data['main']['humidity']

    # Print the weather information
    print(f'Weather in {city}, {country_code}:')
    print(f'Description: {weather_description}')
    print(f'Temperature: {temperature}°C')
    print(f'Humidity: {humidity}%')
else:
    print(f'Error: Unable to fetch weather data. Status code:
{response.status_code}')
```

Screenshots:

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else:
    print(f'Error: Unable to fetch weather data. Status code: {response.status_code}')
```

Output:

```
PS C:\Vaishnav\Courses\Python\Besant> & C:/Users/vaish/AppData/Local/Microsoft/WindowsApps/python3.10.exe c:/Vaishnav/Courses/Python/Besant/Codes/Exercise
s/Assignment.py
Error: Unable to fetch weather data. Status code: 401
PS C:\Vaishnav\Courses\Python\Besant>
```