

# Python Code

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## CODE:

```
import requests

def get_weather(city_name, api_key):

    base_url = "https://api.openweathermap.org/data/2.5/weather"

    params = { "q": city_name, "appid": api_key, "units": "metric" }

    response = requests.get(base_url, params=params)
    data = response.json()

    if data.get("cod") != 200:
        print("Error:", data.get("message", "Failed to fetch weather data"))
        return

    weather = data["weather"][0]["description"]
    temp = data["main"]["temp"]
    humidity = data["main"]["humidity"]
    wind_speed = data["wind"]["speed"]

    print(f"\nWeather in {city_name}:")
    print(f"Condition: {weather}")
    print(f"Temperature: {temp}°C")
    print(f"Humidity: {humidity}%")
```

```
print(f"Wind Speed: {wind_speed} m/s")
```

```
if name == "main": city = input("Enter city name: ")
```

```
api_key = "484bdd54ba5296ef242100b0de56a4a0"
```

```
get_weather(city, api_key)
```