```python
import requests


# -------------------------
# Data Collection Agent
# -------------------------
def get_weather(city):
    api_key = "YOUR_API_KEY"   # get from openweathermap.org
    url = f"https://api.openweathermap.org/data/2.5/weather?q={city}&appid={api_key}&units=metric"

    response = requests.get(url)
    data = response.json()

    return data


# -------------------------
# Forecast Analysis Agent
# -------------------------
def analyze_weather(data):
    temp = data["main"]["temp"]
    condition = data["weather"][0]["description"]

    return temp, condition


# -------------------------
```

```python
# Alert Agent
# -------------------------
def weather_alert(temp):
    if temp > 40:
        return "⚠ Heat Alert: Stay hydrated and avoid outdoor activities."
    elif temp < 5:
        return "⚠ Cold Alert: Wear warm clothes."
    else:
        return "✅ Weather is normal."


# -------------------------
# Recommendation Agent
# -------------------------
def recommendations(condition):
    if "rain" in condition:
        return "☂ Carry an umbrella."
    elif "clear" in condition:
        return "🌞 Good day for outdoor activities."
    elif "cloud" in condition:
        return "☁ Weather is cloudy, plan accordingly."
    else:
        return "ℹ Check weather updates regularly."


# -------------------------
```

```python
# Main Agent Controller
# ---------------------------
def weather_assistant():
    city = input("Enter city name: ")

    data = get_weather(city)

    temp, condition = analyze_weather(data)
    alert = weather_alert(temp)
    advice = recommendations(condition)

    print("\n--- Weather Assistant Agent ---")
    print("City:", city)
    print("Temperature:", temp, "°C")
    print("Condition:", condition)
    print("Alert:", alert)
    print("Recommendation:", advice)


# Run the agent
weather_assistant()
```