Topic 1: Retrieve Current Weather Information Using a Weather API

Task: Write a Python program that uses a Weather API to retrieve and display the current weather information for **Dera Ghazi Khan, Pakistan**.

Task Requirements

Your program should:

1. Connect to a publicly available Weather API.
2. Retrieve current weather information for Dera Ghazi Khan, Pakistan.
3. Display the following information:
    - City Name
    - Current Temperature (°C)
    - Weather Condition (e.g., Sunny, Cloudy, Rainy)
    - Humidity (%)
    - Wind Speed
    - Date and Time of Weather Information
4. Display the retrieved information in a clear and well-organised format.
5. Handle API connection errors or invalid responses appropriately.

Submission and Checking

- **Due Date:** Monday, 30 November 2026.
- **Submission:** Submit your Python source code (`.py` file).
- **Demonstration:** Run your program in class and explain how it retrieves and displays weather information.
- **Evaluation:** Correct API integration, accurate data retrieval, program output, and error handling.
