import requests

import json

def get\_weather(city):

url1 = "http://api.openweathermap.org/geo/1.0/direct?q=" + city + "&appid=e9f6767df1367e8fc62a46820733b2df"

response1 = requests.get(url1)

url2 = "http://api.openweathermap.org/data/2.5/weather?lat=" + str(response1.json()[0]["lat"]) + "&lon=" + str(response1.json()[0]["lon"]) + "&appid=e9f6767df1367e8fc62a46820733b2df"

response2 = requests.get(url2).json()

return "temperature : " + str(response2["main"]["temp"]), "weather condition : " + response2["weather"][0]["description"], "humidity : " + str(response2["main"]["humidity"]),"wind speed : " + str(response2["wind"]["speed"])

"""Fetches weather details for the given city using

OpenWeather API."""

# Base URL and parameters for the API request

# Make the API call and handle the response

# Extract and return relevant weather data

def display\_weather(city, weather\_data):

weather\_data = json.dumps(get\_weather(city), indent = 4)

print (weather\_data)

"""Displays weather information for the given

city."""

# Print the weather details in a user-friendly format

def main():

city = input("Enter the city name:")

get\_weather(city)

display\_weather(city, json.dumps(get\_weather(city), indent = 4))

"""Main function to interact with the user."""

# Prompt user for city name

# Fetch and display weather data for the given city

if \_\_name\_\_ == "\_\_main\_\_":

main()