**WEATHER FORECASTING SITE**

**USING WEB DEVELOPMENT**

**PYTHON CODE:**

import requests

def get\_weather(city, api\_key):

base\_url = "https://api.openweathermap.org/data/2.5/weather"

params = {

'q': city,

'appid': api\_key,

'units': 'metric' # For temperature in Celsius

}

response = requests.get(base\_url, params=params)

data = response.json()

if response.status\_code == 200:

print(f"Weather in {city}:")

print(f"Temperature: {data['main']['temp']}°C")

print(f"Weather: {data['weather'][0]['description']}")

print(f"Humidity: {data['main']['humidity']}%")

print(f"Wind Speed: {data['wind']['speed']} m/s")

else:

print(f"Error: {data.get('message', 'Unable to fetch weather data')}")

# ---- Run the program ----

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

api\_key = "YOUR\_API\_KEY" # Replace with your OpenWeatherMap API key

city = input("Enter city name: ")

get\_weather(city, api\_key)