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Program :

```
import requests
def get_weather(city_name, api_key):
    """
    Fetches live weather report (temperature, wind speed, description, and
weather)
    for a given city using OpenWeatherMap API.
    """
    base_url = "http://api.openweathermap.org/data/2.5/weather?"
    # Build complete URL
    complete_url = base_url + "appid=" + api_key + "&q=" + city_name +
"&units=metric"
    # Send GET request
    response = requests.get(complete_url)
    data = response.json()

    # Check if city is found
    if data["cod"] != "404":
        main_data = data["main"]
        wind_data = data["wind"]
        weather_desc = data["weather"][0]["description"]
        weather_main = data["weather"][0]["main"]

        temperature = main_data["temp"]
        wind_speed = wind_data["speed"]

        print(f"\nWeather Report for {city_name.capitalize()}:")
        print(f"Temperature: {temperature}°C")
        print(f"Wind Speed: {wind_speed} m/s")
        print(f"Weather: {weather_main}")
        print(f"Description: {weather_desc.capitalize()}")
    else:
         print("City not found. Please check the name again.")
# ---- Main Program ----
if __name__ == "__main__":
# Enter your API key here
    api_key = "74bd25d96b178e36d96725a77a3a9898"  # Replace with your
OpenWeatherMap API
city_name = input("Enter city name: ")
get_weather(city_name, api_key)
```

Output :

```
C:\Users\Student\Desktop\ISR_LABS\prac6>python prac6.py
Enter city name: pune

Weather Report for Pune:
Temperature: 25.51°C
Wind Speed: 7.05 m/s
Weather: Clouds
Description: Overcast clouds
```