

# Weather API

## Instructions

1. Continue with the same server as previous exercise, but rename it to `weatherapi_server.py`.
2. Incorporate attached file `coordinates.json` into the server code (you can copy-paste the contents into your code).
3. Change the server functionality to act as a middleman: whenever the client requests the weather for one of the 4 known cities, the server will send an API request to `openweathermap.com`, parse the result and send the client a response in the exact same format as before. You may use python's `requests` package for sending HTTP requests.
4. Reminder: The network protocol must not change (in other words, the same old client will seamlessly work with the new server)

## OpenWeatherMap

1. Go to <https://openweathermap.org/price>
2. Scroll down and click `Get API Key` button under 'Free' in the section "Current weather and forecasts collection"
3. Sign up to get an API key 3.1. Notice: The API key takes about 10 minutes to really become active despite being shown as "active" in your profile. In the mean-time you may use the key `cd249d470b9fde82e35472ee1fa3a3be`, but your solution must use your own key!
4. Follow the documentation at <https://openweathermap.org/current> to learn how to use the API

## To submit

Submit server file `weatherapi_server.py`.

