CIS223

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To obtain weather information in Celsius instead of Fahrenheit using the OpenWeather API, you need to change the API call by including the `units=metric` parameter. This ensures that the temperature is provided in Celsius.

Ex.

http://api.openweathermap.org/data/2.5/weather?q={city name}&appid={your\_api\_key}&units=metric

To display weather condition images on your web pages, you use OpenWeatherMap's weather condition codes. Each weather condition has a unique code associated with it, which corresponds to a specific image. You can construct the image URL by combining the base URL with the appropriate code.

Example of a night thunderstorm image URL:

http://openweathermap.org/img/w/11n.png

If you want to showcase weather conditions in a different language like french, you need to modify the API call by including the `lang=fr` parameter. This adjustment makes sure that the weather descriptions are provided in French.

Example:

http://api.openweathermap.org/data/2.5/weather?q={city name}&appid={your\_api\_key}&lang=fr

Ten weather conditions that I may consider adding to my site, based on the response object's dot notation:

1. `weather.0.description` - Description of the first weather condition

2. `weather.1.description` - Description of the second weather condition

3. `weather.2.description` - Description of the third weather condition

4. `weather.3.description` - Description of the fourth weather condition

5. `weather.4.description` - Description of the fifth weather condition

6. `weather.5.description` - Description of the sixth weather condition

7. `weather.6.description` - Description of the seventh weather condition

8. `weather.7.description` - Description of the eighth weather condition

9. `weather.8.description` - Description of the ninth weather condition

10. `weather.9.description` - Description of the tenth weather condition