

Take-Home Project: WeatherApp

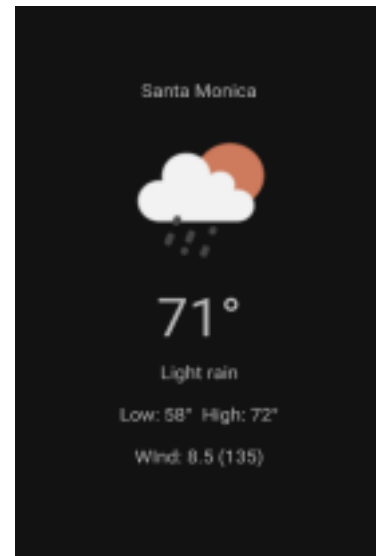
Please create an app that simply displays the weather at the given coordinates.

The app should use the OpenWeatherMap API to get the current weather:

- <https://openweathermap.org/current>
- Only the first element in the `weather` array should be used
- The query parameters are as follows:
 - `lat=34.0194704`
 - `lon=-118.491227`
 - `appid=d4277b87ee5c71a468ec0c3dc311a724`
- Example URL:
<https://api.openweathermap.org/data/2.5/weather?lat=34.0194704&lon=-118.4912273&appid=d4277b87ee5c71a468ec0c3dc311a724>

The UI should display the following:

- City name (found in the `name` field of the response)
- An icon representing the current weather (found in `weather.icon`). Please see <https://openweathermap.org/weather-conditions> for instructions on how to load icon images.
- The current temperature (found in `main.temp`)
- A short description of the current weather (found in `weather.description`)
- The low and high temperature for the day (found in `main.temp_min` and `main.temp_max`)
- The current wind speed and direction (found in `wind.speed` and `wind.deg`)
- Please use the image on the right as a rough guide for your layout



Additional requirements

- Please use UIKit over SwiftUI for building the UI
- You may use any open-source libraries that is publicly available

Your project will be assessed on correctness, readability, architecture, and good programming practices. In subsequent phases of the interview, you may be asked to expand on your solution

as part of a live coding session.