

Objectives:

- get weather for a given location
- Print weather in an easy to understand format

Things to do:

- get a city from user
- Get longitude and latitude from API
- Use long and lat to get weather
- create and display a table with the results

methods:

- getCity(scanner)
- getCoords(city)
- getWeather(coords)
- displayWeather() → weather description, temp, feels like, humidity, wind

Need to learn how to make a table

- how to make a table in Java
- how to call an API in Java
- how to get information from a JSON file in Java

Resources used -

Java doc Oracle and Copileto to make a table

chat GPT to get example of reading from APIs and JSON

majority of call API method come from chat and

then was adapted to my purposes

Would be in a while but wanted to ensure I stayed under 1000 calls to the api because that was the limit for free calls to api

test cities (Anchorage Alaska, San Antonio Texas)