## Analysis

Problem Statement: Create an application that will show the weather information for a specific city based on the input given.

* <https://openweathermap.org/>
* API Keys
  + <https://home.openweathermap.org/api_keys>
* Git Hub Link
  + <https://github.com/sr1983-it-gl/08_GL_FE_Aug_2023_Participants/tree/main/06-Lab-03/Weather-App>
* API Details
  + <https://openweathermap.org/current>
* Install JSOn Formatter Plugin
* API Construction
  + Format
  + <https://api.openweathermap.org/data/2.5/weather?q=?&appid=?units=metric>
  + Example

<https://api.openweathermap.org/data/2.5/weather?q=Delhi&appid=><API\_KEY>&units=metric

Install NodeJs and Http-Server

* NodeJS Project Conversion
  + “npm init --yes”
  + Update package.json
    - "type": "module"
  + Install Http-Server
    - npm install -global http-server
  + Start the Server
    - http-server --port 9999
  + Access Application in Browser
    - <http://localhost:9999/>
* Mapping the Result
  + Location / County -> json.name / json.sys.country
  + Date -> ?
  + Temperature -> json.main.temp
  + Temperature Type -> json.weather[0].main
  + Min / Max -> json.main.temp\_min / json.main.temp\_max