

## **Must to Use Code Structure**

### **City and weather details**

- Display the current city's name prominently, your api will generate the data of that city.
- API will provide the weather details dynamically based on the city entered by the user (see below on how to generate API)
- The "id" of the title of the app should be "name".
- The "id" of the container that holds all the details of weather should be "weather-container".
- The "id" of the form that takes an input field and the button should be "location-form".
- The "id" of the input field should be "location-input".
- The "type" of Get Weather button should be "submit".
- The "id" of the space where the data will display should be "weather-data".
- The name of the function of the javascript file where you will fetch the data and do everything should be named as function "getWeather".

### **Error handling**

- Implement effective error handling to manage incorrect city inputs or issues during the data fetch process.
- If anyone enters the wrong city name, You should display the error same as it is, "Error: City not found". This Error is bound with the id "weather-data". So, you have to print this error if the city is invalid and the id should be "weather-data".

## How to weather generate API?

- Please use openweathermap API for fetching weather data
- API key = Generate your own key from here.
- You can use this API key =  
[http://api.openweathermap.org/data/2.5/weather?q=\\${location}&appid=\\${apiKey}&units=metric](http://api.openweathermap.org/data/2.5/weather?q=${location}&appid=${apiKey}&units=metric)
- API KEY = Generate your own key from [here](#).  
(Looks similar to “46f80a02ecae410460d59960ded6e1c6” but this not the one you should use, this is just an example of the key, please generate your own from the above link)