**Create any of the following, can use Free API & develop its "Flask -> HTM:"**

This Weather App is a simple web-based application built with HTML, CSS, and JavaScript. It allows users to enter a location and fetch the current weather conditions using WeatherAPI.

**Features of the App**

**User Input for Location**

Users enter a city or place name in a text box.

A button allows them to fetch weather data.

Weather Data Retrieval via API

The app uses JavaScript's fetch() to get real-time weather data from WeatherAPI.

**API URL: http://api.weatherapi.com/v1/current.json**

**API Key: 'c4b8c1d942d94f64a15173515251903'**

**Weather Information Display**

**The app shows:**

✅ Location (City, Country)

✅ Current Temperature (°C)

✅ Weather Condition (e.g., Sunny, Cloudy, Rainy, etc.)

✅ Weather Icon for visual representation

Basic Error Handling

If the user doesn't enter a location, an alert appears.

If the API request fails, an error message is displayed.

Code Breakdown

1️⃣ HTML Structure

Text input (<input>) for users to enter a location.

Button (<button>) to fetch the weather data.

Display area (<div id="weather-container">) to show weather details.

2️⃣ CSS Styling

Basic styles are applied to center elements.

A bordered box (#weather-container) is used to display weather info neatly.

3️⃣ JavaScript Logic

getWeather() function:

Captures user input (location).

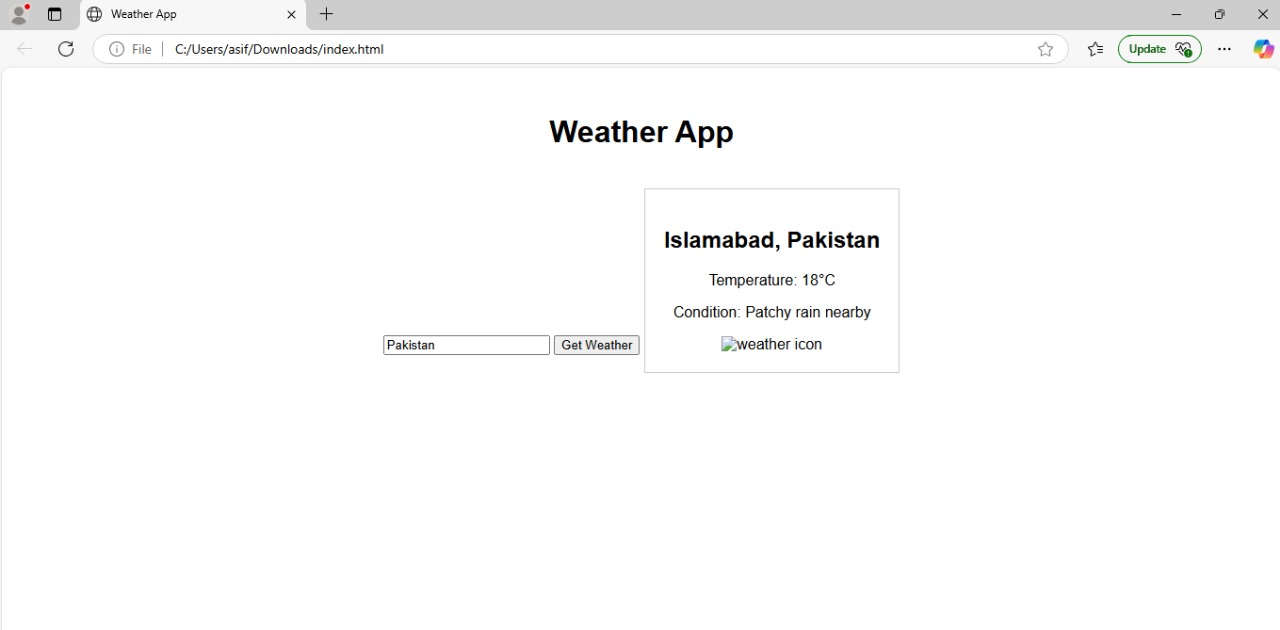
Builds the API request URL.

Fetches weather data from WeatherAPI.

Updates the webpage with retrieved weather details.

Handles errors in case of missing input or API failures.

**Output**

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