MAJOR PROJECT DECEMBER 2022 BATCH
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WEATHER API
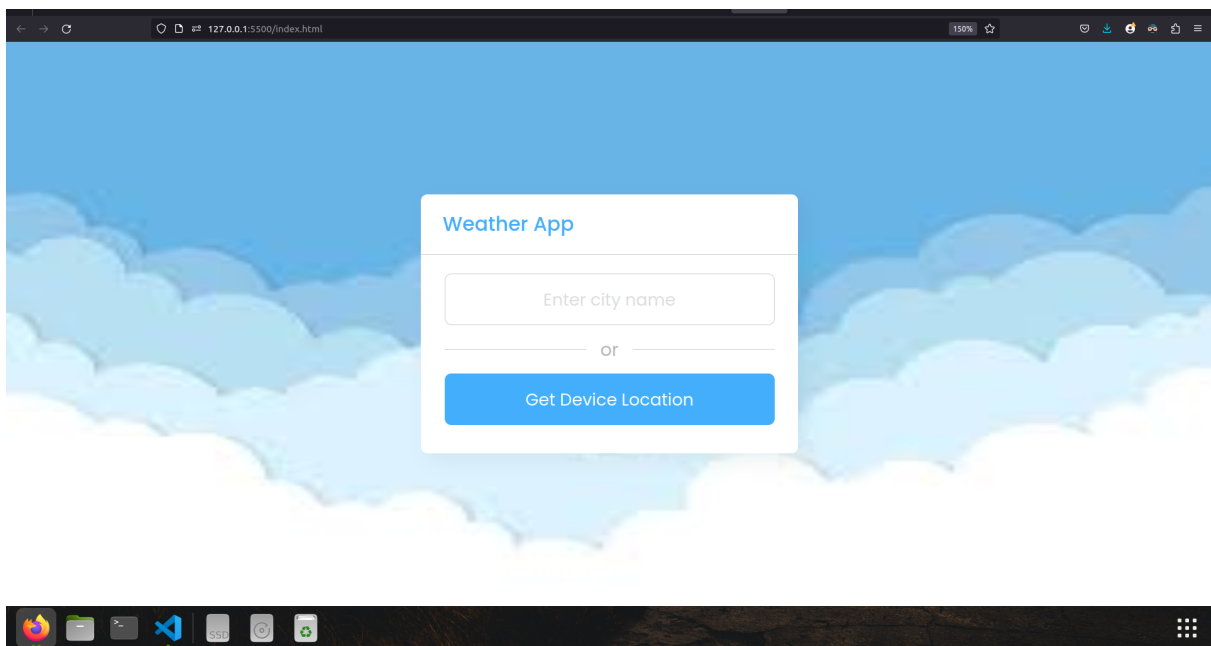
HTML code

```html
<!DOCTYPE html>
<html lang="en" dir="ltr">
  <head>
    <meta charset="utf-8">
    <title>Weather App </title>
    <link rel="stylesheet" href="style.css">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <!-- Linking BoxIcon for Icon -->
    <link href='https://unpkg.com/boxicons@2.0.9/css/boxicons.min.css' rel='stylesheet'>
  </head>
  <body>
    <div class="wrapper">
      <header><i class='bx bx-left-arrow-alt'></i>Weather App</header>
      <section class="input-part">
        <p class="info-txt"></p>
        <div class="content">
          <input type="text" spellcheck="false" placeholder="Enter city name" required>
          <div class="separator"></div>
          <button>Get Device Location</button>
        </div>
      </section>
      <section class="weather-part">
        <img src="" alt="Weather Icon">
        <div class="temp">
          <span class="numb">_</span>
          <span class="deg">°</span>C
        </div>
        <div class="weather">_ _</div>
        <div class="location">
```

Java script code

```javascript
const wrapper = document.querySelector(".wrapper"),
inputPart = document.querySelector(".input-part"),
infoTxt = inputPart.querySelector(".info-txt"),
inputField = inputPart.querySelector("input"),
locationBtn = inputPart.querySelector("button"),
weatherPart = wrapper.querySelector(".weather-part"),
wIcon = weatherPart.querySelector("img"),
arrowBack = wrapper.querySelector("header i");

let api;

inputField.addEventListener("keyup", e =>{
    // if user pressed enter btn and input value is not empty
    if(e.key == "Enter" && inputField.value != ""){
        requestApi(inputField.value);
    }
});

locationBtn.addEventListener("click", () =>{
    if(navigator.geolocation){ // if browser support geolocation api
        navigator.geolocation.getCurrentPosition(onSuccess, onError);
    }else{
        alert("Your browser not support geolocation api");
    }
});

function requestApi(city){
    api = `https://api.openweathermap.org/data/2.5/weather?q=${city}&units=metric&appid=d319b69b30d2ae9a53f5154c19bafff1`;
    fetchData();
```

Some outputs and weather conditions of cities

← Weather App

31°C

clear sky

📍 Indore, IN

🌡️ 29°C
Feels like

💧 20%
Humidity

← Weather App

13°C

clear sky

📍 New York, US

🌡️ 12°C
Feels like

💧 82%
Humidity

← **Weather App**

7°C

broken clouds

⊙ Siberia, CO

🌡 **7°C**
Feels like

💧 **93%**
Humidity