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Server
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//set up for path
const express = require('express')
const app = express()
const port = 3000
const path = require("path")
const cors = require("cors")
let publicPath = path.resolve(__dirname, "public")
app.use(cors())
app.use(express.static(publicPath))
app.listen(port, () => console.log(`Seeking out and listening on... ${port}!`))
//set up the API call
const fetch = require("node-fetch")
const { json } = require('express')
const API_KEY = "3f3cf662c8e9191033ff4958995ef4db"
//API_KEY = process.env.API_KEY;
//debugging
//console.log(API_KEY)
//Pollution API Call
app.get('/air_pollution/:lon/:lat', pollutionData)
async function pollutionData(req, res) {
  let lon = req.params.lon
  let lat = req.params.lat
fetch(`http://api.openweathermap.org/data/2.5/air pollution/forecast?lat=${lat}&lon=${lo
n}&appid=${API KEY}`)
  .then(res => res.json())
  .then(json => {
    let result = json
    res.send(result)
 })
}
//Collective Weather API Call
app.get('/forecast/:city', weatherData)
async function weatherData(req, res) {
  let city = req.params.city
fetch(`http://api.openweathermap.org/data/2.5/forecast?q=${city}&appid=${API_KEY}&uni
ts=metric`)
  .then(res => res.json())
  .then(json => {
    //debug to check data call
    //console.log(json)
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let result = json
   res.send(result)
 })
}
Client
<link rel="stylesheet" href="style.css">
<div id="app">
 <h1>Hey there! <>/h1>
 <h2>Insert the location you would like to find the weather out about!</h2>
  <div>The ouput will be the average of the following 4 day forecast wtih some advice on
how to prepare for the expected weather! ▼ </div>
   <br>
   <input v-model="location">
   <br>
   <button v-on:click="httpsGet">Get Weather</button>
   <br>
   <br>
   <br>
   <div class="table">
     <thead>
         Temperature (°C)
           Wind Speed (m/s)
           Rainfall (mm)
         </thead>
       {{ tempResult }}
           {{ windResult }}
           {{ rainResult }}
         {{ umbrella }}
     {{ temp4packing }}
     {{ PM2_5 }}
   </div>
</div>
<script type="module">
 import { createApp } from "https://unpkg.com/vue@3/dist/vue.esm-browser.js"
 createApp({
   data() {
     return {
       location: null,
```

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temp4packing: null,
         tempResult: null,
         rainResult: null,
         windResult: null,
         PM2 5: null,
      }
    },
    methods: {
      httpsGet(clicked) {
         if (clicked) {
           //call
           fetch(`/forecast/${this.location}`)
           .then((response) => response.json())
           .then((weatherData) => {
             //pollution call, location co-ords fixed to two decimals
             var lon = weatherData["city"]["coord"]["lon"].toFixed(2);
             var lat = weatherData["city"]["coord"]["lat"].toFixed(2);
             fetch('/air pollution/${lon}/${lat}')
             .then((response) => response.json())
             .then((pollutionData) => {
               // traverse through and find if hum>10
               var pollutionBoolean = false;
               for (var count3 = 0; count3 < pollutionData["list"].length; count3++) {
                  if (pollutionData["list"][count3]["components"]["pm2 5"] >= 10) {
                    pollutionBoolean = true;
                  }
               }
               //state result
               if (pollutionBoolean == true) {
                  this.PM2 5 = 'It appears that in ${weatherData["city"]["name"]}, the air is
polluted. PM2 5 exceeds a level of 10. For your safety wear a face covering.;
               } else {
                  this.PM2 5 = 'It appears that in ${weatherData["city"]["name"]} the air is
not polluted. PM2 5 is below the level of 10. It is not necessary to wear a face covering.
             });
             //create values for data
             var temp = 0, rain = 0, wind = 0;
             var umbrellaBoolean = false;
             for (var count = 0; count < 32; count++) {
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umbrella: null,

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if ("rain" in weatherData["list"][count]) {
                  umbrellaBoolean = true;
                  rain += weatherData["list"][count]["rain"]["3h"];
               }
               temp += weatherData["list"][count]["main"]["temp"];
               wind += weatherData["list"][count]["wind"]["speed"];
             }
             if (umbrellaBoolean = true) {
               this.umbrella = "Looks like rain, you should bring an umbrella!";
             } else {
               this.umbrella = "No rain forecasted!";
             }
             var forecastArr = [];
             var count2 = 0;
             while (forecastArr.length !== 3 && count2 < 32) {
               var locTemp = weatherData["list"][count2]["main"]["temp"];
               if (locTemp < 12 ) {
                 forecastArr.push("Cold");
               else if (locTemp >= 12 && locTemp <= 25) {
                 forecastArr.push("Mild@");
               }
               else {
                 forecastArr.push("Hot (**);
               count2++;
             }
             // final results, decimal points adjustment and hourly adjustment
             this.temp4packing = 'It is forecasted to be
${forecastArr[0].charAt(0).toUpperCase() + forecastArr[0].slice(1)}, pack the correct
clothes!';
             this.tempResult = (temp/32).toFixed(1);
             this.rainResult = (rain/32).toFixed(1);
             this.windResult = (wind/32).toFixed(1);
           });
        }
      }
  }).mount("#app")
</script>
Styling
/* :root {
  -- colour-primary: #020202;
```

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} */
#app {
  /* font-family: arial;
  font-size: 24px;
  margin: 25px;
  width: 350px;
  height: 200px;
  outline: dashed 1px black; */
  display: flex;
  align-items: center;
  flex-direction: column;
 }
.table {
  align-items: center;
  vertical-align: bottom;
}
body{
  background-color: rgb(121, 138, 135);
}
```