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1  <!-- Author: Naman Arora -->
2  <!-- Date: 3rd December 2021 -->
3
4  <!DOCTYPE html>
5  <html>
6      <title>Simple Weather APP: Assignment 1</title>
7      <body>
8          <script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
9
10         <div id="app">
11             <h1>Welcome to Naman's OpenWeatherMap Service !!</h1>
12
13             <div>Enter city and country below : </div>
14
15             <div>
16                 Enter-City: <input v-model="location">
17                 Enter-Country: <input v-model="country">
18             </div>
19
20             <br>
21             <button v-on:click="weatherCheck">Submit</button>
22             <br>
23             <br>
24
25             <div>
26                 <h4 id="Lat">Latitude: {{ latitude }}</h3>
27                 <h4 id="Lat">Longitude: {{ longitude }}</h3>
28             </div>
29
30             <br>
31             <br>
32             <div v-if="umbrella != 'No umbrella'">
33                 <h3> {{ umbrella }} </h3>
34             </div>
35             <div v-if="temperatureAtPacking != ' '">
36                 <h3> {{ temperatureAtPacking }} </h3>
37             </div>
38             <br>
39             <div v-if="maskRequirement != 'No mask'">
40                 <h3> {{ maskRequirement }} </h3>
41             </div>
42             <br>
43
44             <table border="7">
45                 <thead>
46                     <tr>
47                         <th>Date</th>
48                         <th>City</th>
49                         <th>Some Description</th>
50                         <th>Temperature (in °C)</th>
51                         <th>Feels Like (in °C)</th>
52                         <th>Rainfall (in mm)</th>
53                         <th>Wind Speed (in m/s)</th>
54                         <th>What you should pack for</th>
55                         <th>PM2_5 (in µg/m^3)</th>
56                         <th>Mask ?</th>
57                     </tr>
58                 </thead>
59                 <tbody>

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60         <tr v-for="x in forecast">
61             <td v-for="y in x">
62                 {{ y }}
63             </td>
64         </tr>
65     </tbody>
66 </table>
67 </div>
68
69 <script>
70     var app = new Vue({
71         el: "#app",
72         data: {
73             location: "",
74             country: "",
75             latitude: null,
76             longitude: null,
77             forecast: [],
78             umbrella: "",
79             temperatureAtPacking: " ",
80             maskRequirement : ""
81         },
82         methods: {
83             weatherCheck: weatherCheck
84         }
85     })
86
87     // Fetch data using promise from the server API and put into Vue
variables
88     function weatherCheck() {
89         console.log("Weather Updated for " + this.city + " in " +
this.country);
90         let prom = fetch("http://localhost:3000/weather/" +
this.location + ((this.country == "") ? "" : ",") + this.country);
91         prom.then(response => response.json())
92             .then(response => {
93                 this.latitude = response.latitude
94                 this.longitude = response.longitude
95                 this.forecast = response.forecastList
96                 this.umbrella = response.umbrella
97                 this.temperatureAtPacking =
response.temperatureAtPacking
98                 this.maskRequirement = response.maskRequirement
99             })
100     }
101
102 </script>
103 </body>
104
105 </html>
```