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1 <!--Created By Saksham Agarwal- 19323666-->
2 <!--Import Vue.js distribution-->
3 <script src="https://cdn.jsdelivr.net/npm/vue@2.6.12"></script>
4 <html>
5   <head>
6     <title>Weather Predictor Assignment 1</title>
7   </head>
8   <div id="app">
9     <h1>Welcome to the weather forecasting by OpenWeather API</h1>
10    <h2>CSU 44000 - Internet Applications:</h2>
11    <h3> By:- Saksham Agarwal</h3>
12    <h4>Date/Time: <span id="datetime"></span></h4>
13    <div>Enter the City: <input v-model="location">
14    <button v-on:click="Weatherprediction">Check</button></div>
15    <br>
16    <div v-if="Umbrella != 'N'">
17      {{Umbrella}}
18    </div>
19    {{Clothes}}
20    <br>
21
22    <table border="1">
23      <thead>
24        <tr>
25          <th>Date</th>
26          <th>Temperature (°Celsius)</th>
27          <th>Rainfall (millimeters)</th>
28          <th>Wind Speed (meter/seconds)</th>
29        </tr>
30      </thead>
31      <tbody>
32        <tr v-for="row in forecast">
33          <td v-for="variable in row">
34            {{variable}}
35          </td>
36        </tr>
37      </tbody>
38    </table>
39  </div>
40
41  <script>
42    var app = new Vue({
43      el: "#app",
44      data: {
45        location: "",
46        forecast: [],
47        Umbrella: "",
48        Clothes: " "
49      },
50      methods: {
51        Weatherprediction: Weatherprediction
52      }
53    })
54    var dt = new Date();
55    document.getElementById("datetime").innerHTML =

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55         document.getElementById("date_time").innerHTML =
56         ("0"+dt.getDate()).slice(-2)) + "." + ("0"+(dt.getMonth()+1)).slice(-2)) + "." +
57         (dt.getFullYear()) + " " + ("0"+dt.getHours()).slice(-2)) + ":" +
58         ("0"+dt.getMinutes()).slice(-2));
59
60     function Weatherprediction() {
61         let prom = fetch("weather/" + this.location)
62         prom.then(response => response.json())
63         .then(response => {
64             this.forecast = response.forecastList
65             this.Umbrella = response.Umbrella
66             this.Clothes = response.Clothes
67         })
68     }
69 </script>
</html>
```