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<!DOCTYPE html>
<html>

<head>
  <title>Display IP Address</title>
</head>
<input type="text" value="Location" id="loc"/>
<input type="button" value="Load Weather" onclick="sendReq()"/>

<body>
  <p id="country"></p>
  <body>
    <script>
      function sendReq(){
        console.log(loc.value)
        // API for get requests
        let fetchForecast = fetch(
"http://127.0.0.1:4000/getAPIResponse/"+loc.value);
        var lat = '';
        var lon = '';
        fetchForecast.then(res =>res.json())
          .then(d => {
            var temp = "";
            var airMessage = "";
            var rainMessage = "";
            var sunMessage = "";
            var rainSet =false;
            var sunSet = false;

            var loopCounter = 0;
            lat = d['city']['coord']['lat']
            lon = d['city']['coord']['lon']
            console.log(d)
            d['list'].forEach((itemData) => {
              if(!rainSet){
                if(itemData.weather[0].description.includes("rain")) {
                  rainMessage= "rain expected, pack a jacket"
                  rainSet=true
                  console.log('rain found : ', itemData.weather[0].description)
                }
              }
              else{
                rainMessage = "rain not expected, dont pack a jacket"
                console.log('rain not found : ',
itemData.weather[0].description)
              }
            }
            if(!sunSet){
              if(itemData.weather[0].description.includes("clear sky")) {
                sunMessage = "sun expected, pack sunglasses"
                sunSet = true
                console.log('sky found : ', itemData.weather[0].description)

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    }
    else{
        sunMessage = "sun not expected, dont pack "
        console.log('sky not found : ',
itemData.weather[0].description)
    }
}
if((loopCounter % 4) == 0){
    temp += "<tr>";
    temp += "<td>" + itemData.dt_txt + "</td>";
    temp += "<td>" + itemData.main.feels_like + "</td>";
    temp += "<td>" + itemData.main.temp + "</td>";
    temp += "<td>" + itemData.weather[0].description + "</td>";
    temp += "<td>" + itemData.wind.speed + "</td>";
    temp += "<td>" + itemData.main.pressure + "</td></tr>";

}
loopCounter++;
})
document.getElementById('data').innerHTML = temp;
document.getElementById('sun').innerHTML = rainMessage;
document.getElementById('rain').innerHTML = sunMessage;})
.then(d =>
fetch("http://127.0.0.1:4000/getAirPollution/lat/"+lat+'/lon/'+lon))
.then(resp => resp.json())
.then(data => {
    o3 = data['list']['0']['components']['o3']
    pm25 = data['list']['0']['components']['pm2_5']
    pm10 = data['list']['0']['components']['pm10']
    no2 = data['list']['0']['components']['no2']
    if(o3 > 180 || pm25 > 30 || pm10 > 90 || no2 > 200){
        console.log('bad air quality')
        airMessage="<p>bad air quality, bring a mask</p>";
    }
    else{
        airMessage="<p>good air quality, dont bring mask</p>";
    }
    document.getElementById('pollution').innerHTML = airMessage;
    console.log(o3,pm25,pm10,no2)
})
}
</script></body>
<table class="table" frame="box" rules="all">
<thead>
<tr>
<th>Date time</th><br/>
<th>Feels Like Temp</th><br/>
<th>Temp</th><br/>
<th>Description</th><br/>
<th>Wind Speed</th><br/>
<th>Pressure</th><br/>

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        </tr>
    </thead>
    <tbody id="data">

        </tbody>
    </table>
    <p id='pollution'></p>
    <div>
        <p id = 'sun'></p>
        <p id = 'rain'></p>
    </div>
    <div>
    </div>
    </div>
</html>
```