

INTERNZVALLEY

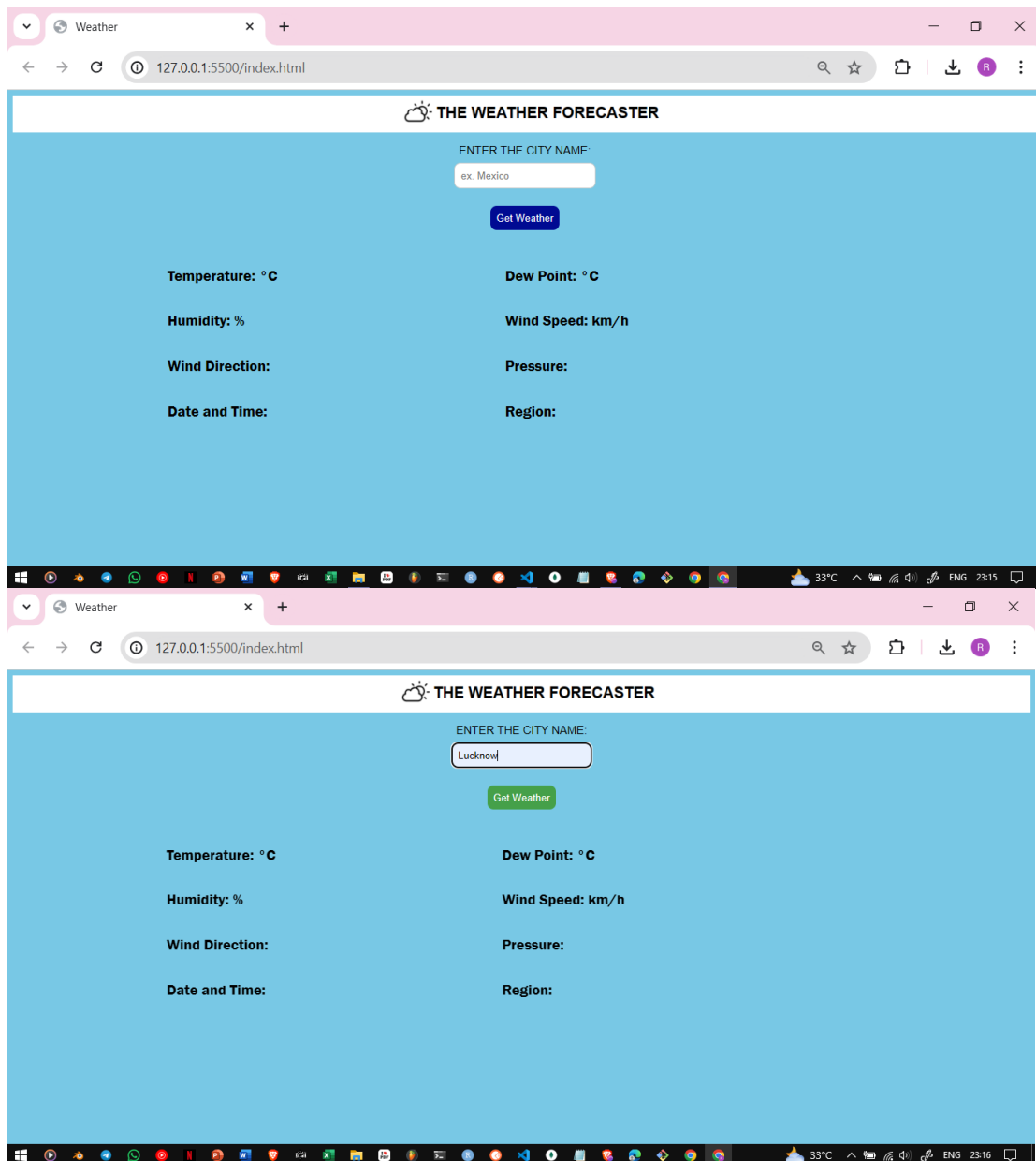
MINOR PROJECT (Web Development June Batch)

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WEATHER FORECASTING WEBSITE

1. IMAGES



Weather

127.0.0.1:5500/index.html

THE WEATHER FORECASTER

ENTER THE CITY NAME:
Lucknow

Get Weather

Temperature: 39.9°C

Dew Point: 24.1°C

Humidity: 59%

Wind Speed: 10.1 km/h

Wind Direction: ESE

Pressure: 995

Date and Time: 2024-07-13 23:14

Region: Uttar Pradesh

Weather

127.0.0.1:5500/index.html

THE WEATHER FORECASTER

ENTER THE CITY NAME:
Patna

Get Weather

Temperature: 39.3°C

Dew Point: 25°C

Humidity: 66%

Wind Speed: 14.8 km/h

Wind Direction: E

Pressure: 996

Date and Time: 2024-07-13 23:12

Region: Bihar

Weather

127.0.0.1:5500/index.html

THE WEATHER FORECASTER

ENTER THE CITY NAME:

Mumbai

Get Weather

Temperature: 31.6°C

Dew Point: 24.5°C

Humidity: 94%

Wind Speed: 16.9 km/h

Wind Direction: SW

Pressure: 1003

Date and Time: 2024-07-13 23:15

Region: Maharashtra

Weather

127.0.0.1:5500/index.html

THE WEATHER FORECASTER

ENTER THE CITY NAME:

Las Vegas

Get Weather

Temperature: 36.4°C

Dew Point: 9.5°C

Humidity: 19%

Wind Speed: 8.3 km/h

Wind Direction: SE

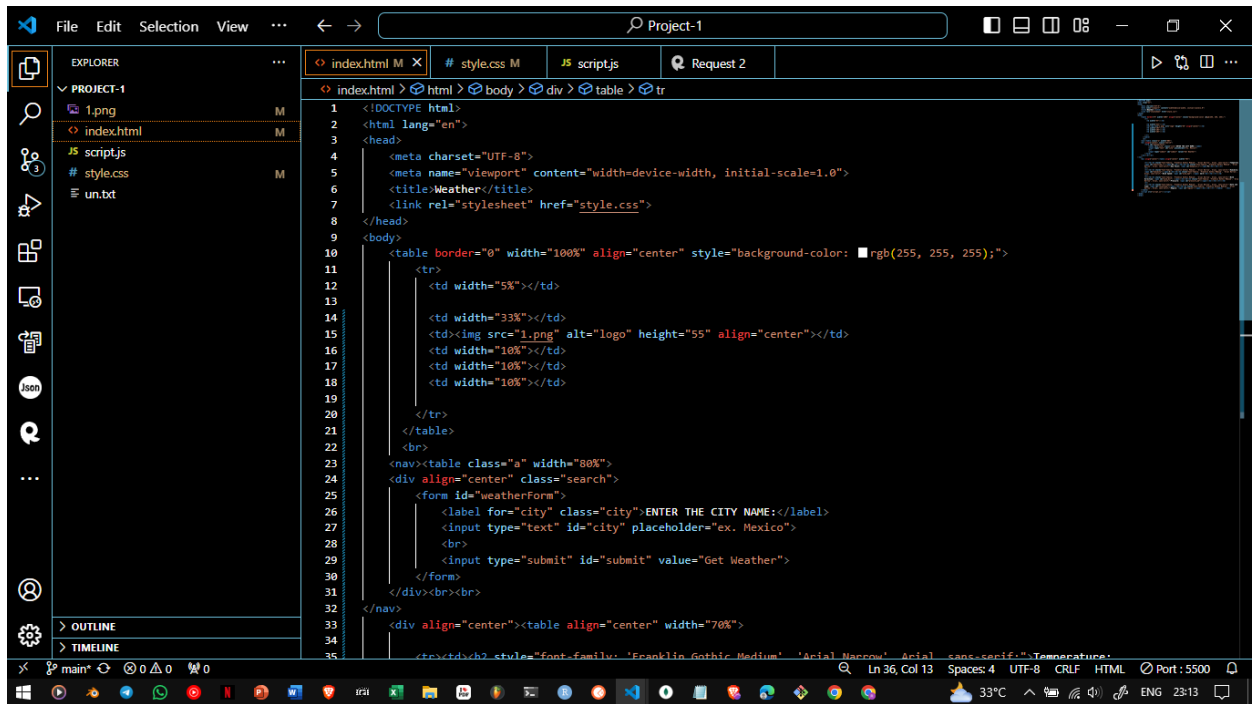
Pressure: 1011

Date and Time: 2024-07-13 10:45

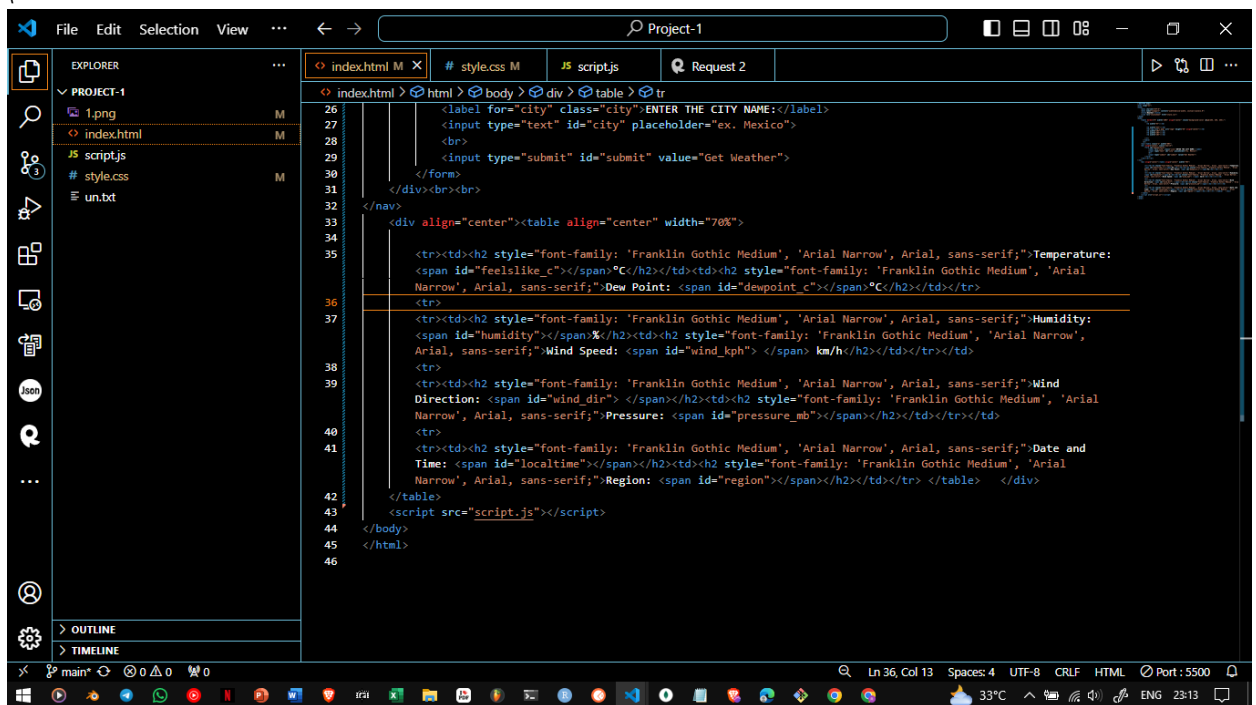
Region: Nevada

2. Source Code:

HTML



```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Weather</title>
7   <link rel="stylesheet" href="style.css">
8 </head>
9 <body>
10   <table border="0" width="100%" align="center" style="background-color: #rgb(255, 255, 255);">
11     <tr>
12       <td width="5%"></td>
13       <td width="33%">
14         </td>
15       <td width="10%"></td>
16       <td width="10%"></td>
17       <td width="10%"></td>
18     </tr>
19   </table>
20   <br>
21   <nav><table class="a" width="80%">
22     <div align="center" class="search">
23       <form id="weatherForm">
24         <label form="city" class="city">ENTER THE CITY NAME:</label>
25         <input type="text" id="city" placeholder="ex. Mexico">
26         <br>
27         <input type="submit" id="submit" value="Get Weather">
28       </form>
29     </div><br><br>
30   </nav>
31   <div align="center"><table align="center" width="70%">
32     <tr><td><h2 style="font-family: 'Franklin Gothic Medium', 'Arial Narrow', Arial, sans-serif;">Temperature:
33     <span id="feelslike_c"></span></td><td><h2 style="font-family: 'Franklin Gothic Medium', 'Arial
34     Narrow', Arial, sans-serif;">Dew Point: <span id="dewpoint_c"></span></td></tr>
35     <tr>
36       <td><h2 style="font-family: 'Franklin Gothic Medium', 'Arial Narrow', Arial, sans-serif;">Humidity:
37       <span id="humidity"></span></td><td><h2 style="font-family: 'Franklin Gothic Medium', 'Arial Narrow',
38       Arial, sans-serif;">Wind Speed: <span id="wind_kph"> </span></td></tr>
39     <tr>
40       <td><h2 style="font-family: 'Franklin Gothic Medium', 'Arial Narrow', Arial, sans-serif;">Wind
41       Direction: <span id="wind_dir"> </span></td><td><h2 style="font-family: 'Franklin Gothic Medium', 'Arial
42       Narrow', Arial, sans-serif;">Pressure: <span id="pressure_mb"></span></td></tr>
43     <tr>
44       <td><h2 style="font-family: 'Franklin Gothic Medium', 'Arial Narrow', Arial, sans-serif;">Date and
45       Time: <span id="localtime"></span></td><td><h2 style="font-family: 'Franklin Gothic Medium', 'Arial
46       Narrow', Arial, sans-serif;">Region: <span id="region"></span></td></tr>
47   </table>
48   <script src="script.js"></script>
49 </div>
50 </body>
51 </html>
```



```
26   <label form="city" class="city">ENTER THE CITY NAME:</label>
27   <input type="text" id="city" placeholder="ex. Mexico">
28   <br>
29   <input type="submit" id="submit" value="Get Weather">
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35   <span id="feelslike_c"></span></td><td><h2 style="font-family: 'Franklin Gothic Medium', 'Arial
36   Narrow', Arial, sans-serif;">Dew Point: <span id="dewpoint_c"></span></td></tr>
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38     <td><h2 style="font-family: 'Franklin Gothic Medium', 'Arial Narrow', Arial, sans-serif;">Humidity:
39     <span id="humidity"></span></td><td><h2 style="font-family: 'Franklin Gothic Medium', 'Arial Narrow',
40     Arial, sans-serif;">Wind Speed: <span id="wind_kph"> </span></td></tr>
41   <tr>
42     <td><h2 style="font-family: 'Franklin Gothic Medium', 'Arial Narrow', Arial, sans-serif;">Wind
43     Direction: <span id="wind_dir"> </span></td><td><h2 style="font-family: 'Franklin Gothic Medium', 'Arial
44     Narrow', Arial, sans-serif;">Pressure: <span id="pressure_mb"></span></td></tr>
45   <tr>
46     <td><h2 style="font-family: 'Franklin Gothic Medium', 'Arial Narrow', Arial, sans-serif;">Date and
47     Time: <span id="localtime"></span></td><td><h2 style="font-family: 'Franklin Gothic Medium', 'Arial
48     Narrow', Arial, sans-serif;">Region: <span id="region"></span></td></tr>
49   </table>
50   <script src="script.js"></script>
51 </div>
52 </body>
53 </html>
```

This screenshot shows the VS Code editor with a project named 'Project-1'. The Explorer sidebar on the left lists files: '1.png', 'index.html', 'script.js', 'style.css', and 'un.txt'. The main editor area displays the 'style.css' file with the following CSS code:

```
# style.css > input[type="submit"]
1 body{
2   background-color: rgb(120, 200, 229);
3 }
4 {
5   font-family: Arial, Helvetica, sans-serif;
6 }
7 .box {
8   border: 2px solid #000000;
9   border-radius: 15px;
10  padding: 20px;
11  display: inline-block;
12  text-align: left;
13 }
14
15 .city {
16   font-size: 18px;
17 }
18
19 input[type="text"], input[type="submit"] {
20   display: block;
21   margin-top: 10px;
22   padding: 10px;
23   font-size: 16px;
24   border-radius: 10px;
25   border: 1px solid #ccc;
26 }
27
28 input[type="submit"] {
29   background-color: #000a92;
30   color: white;
31   border: none;
32   cursor: pointer;
33 }
34
35 input[type="submit"]:hover {
```

The status bar at the bottom indicates 'Ln 33, Col 2', 'Spaces: 4', 'UTF-8', 'CRLF', 'CSS', and 'Port: 5500'.

This screenshot shows the same VS Code editor with 'Project-1'. The Explorer sidebar is identical. The main editor area displays the 'style.css' file with a search filter '# style.css > input[type="submit"]' applied. The visible CSS code is:

```
# style.css > input[type="submit"]
12   text-align: left;
13 }
14
15 .city {
16   font-size: 18px;
17 }
18
19 input[type="text"], input[type="submit"] {
20   display: block;
21   margin-top: 10px;
22   padding: 10px;
23   font-size: 16px;
24   border-radius: 10px;
25   border: 1px solid #ccc;
26 }
27
28 input[type="submit"] {
29   background-color: #000a92;
30   color: white;
31   border: none;
32   cursor: pointer;
33 }
34
35 input[type="submit"]:hover {
36   background-color: #45a049;
37 }
38 }
```

The status bar at the bottom indicates 'Ln 33, Col 2', 'Spaces: 4', 'UTF-8', 'CRLF', 'CSS', and 'Port: 5500'.

JAVASCRIPT

```
1 document.getElementById('weatherForm').addEventListener('submit', function(event) {
2   event.preventDefault();
3
4   const city = document.getElementById('city').value;
5   const apiKey = 'd2c63d4e000000000000000000000000';
6   const url = `http://api.weatherapi.com/v1/current.json?key=${apiKey}&q=${city}`;
7
8   fetch(url)
9     .then(response => {
10       return response.json();
11     })
12     .then(data => {
13       document.getElementById('feelslike_c').textContent = data.current.feelslike_c;
14       document.getElementById('dewpoint_c').textContent = data.current.dewpoint_c;
15       document.getElementById('humidity').textContent = data.current.humidity;
16       document.getElementById('wind_kph').textContent = data.current.wind_kph;
17       document.getElementById('wind_dir').textContent = data.current.wind_dir;
18       document.getElementById('localtime').textContent = data.location.localtime;
19       document.getElementById('region').textContent = data.location.region;
20       document.getElementById('pressure_mb').textContent = data.current.pressure_mb;
21       console.log(data);
22     })
23     .catch(error => {
24       console.error('Problem', error);
25     });
26 });
27
```