

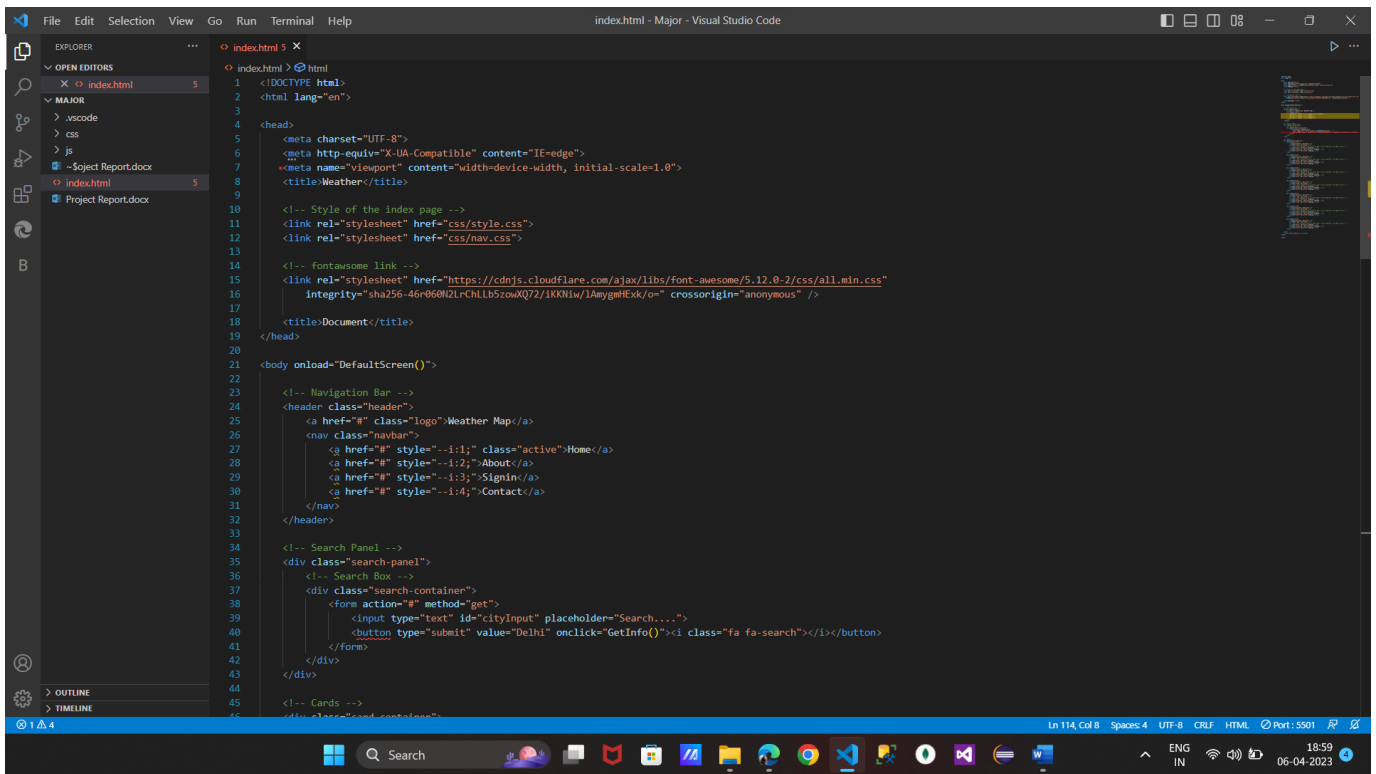
MAJOR PROJECT

NAME- ADITYA SINGH

PROJECT- Weather Forecast APP

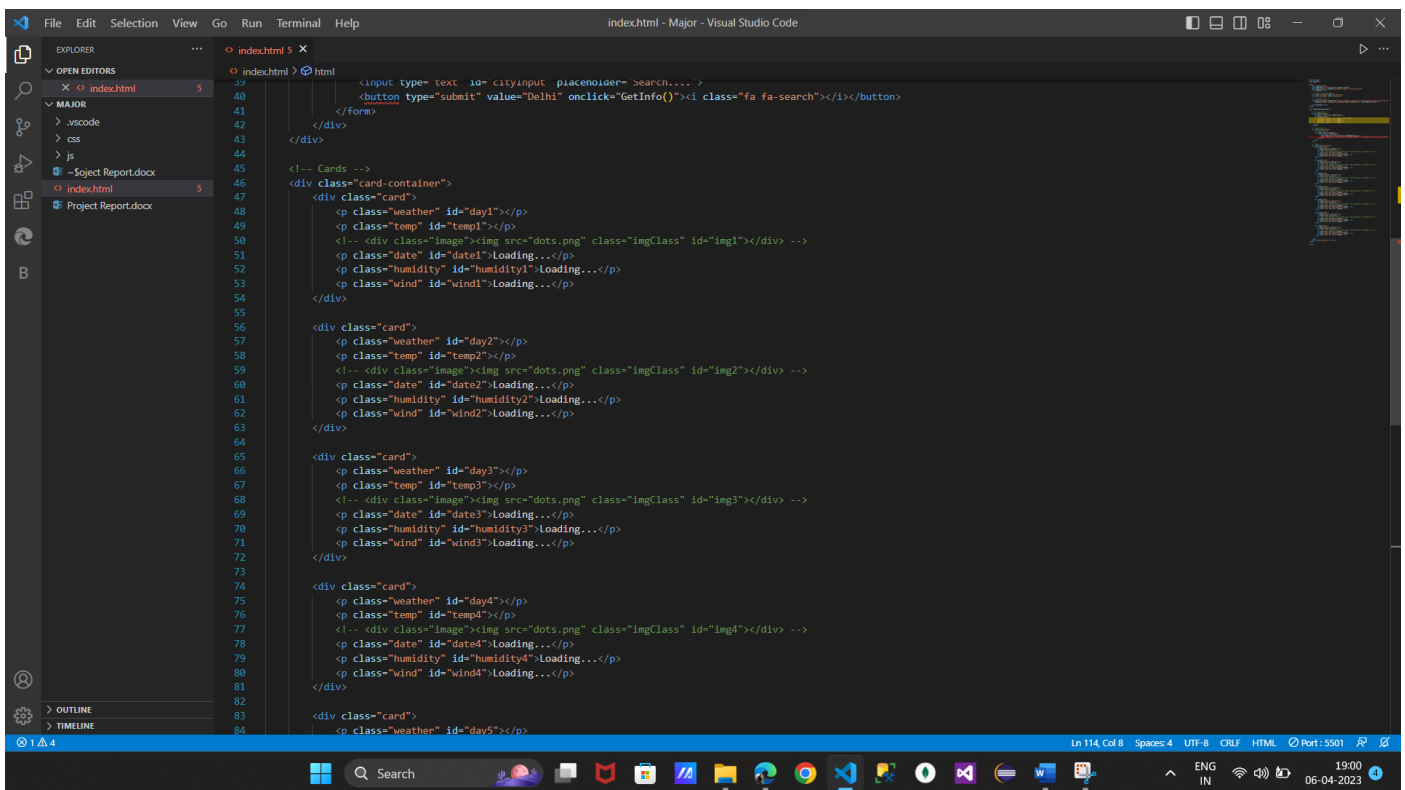
BATCH- FEB 2023

STEP 1: Creating a webpage and adding navigation bar to it.



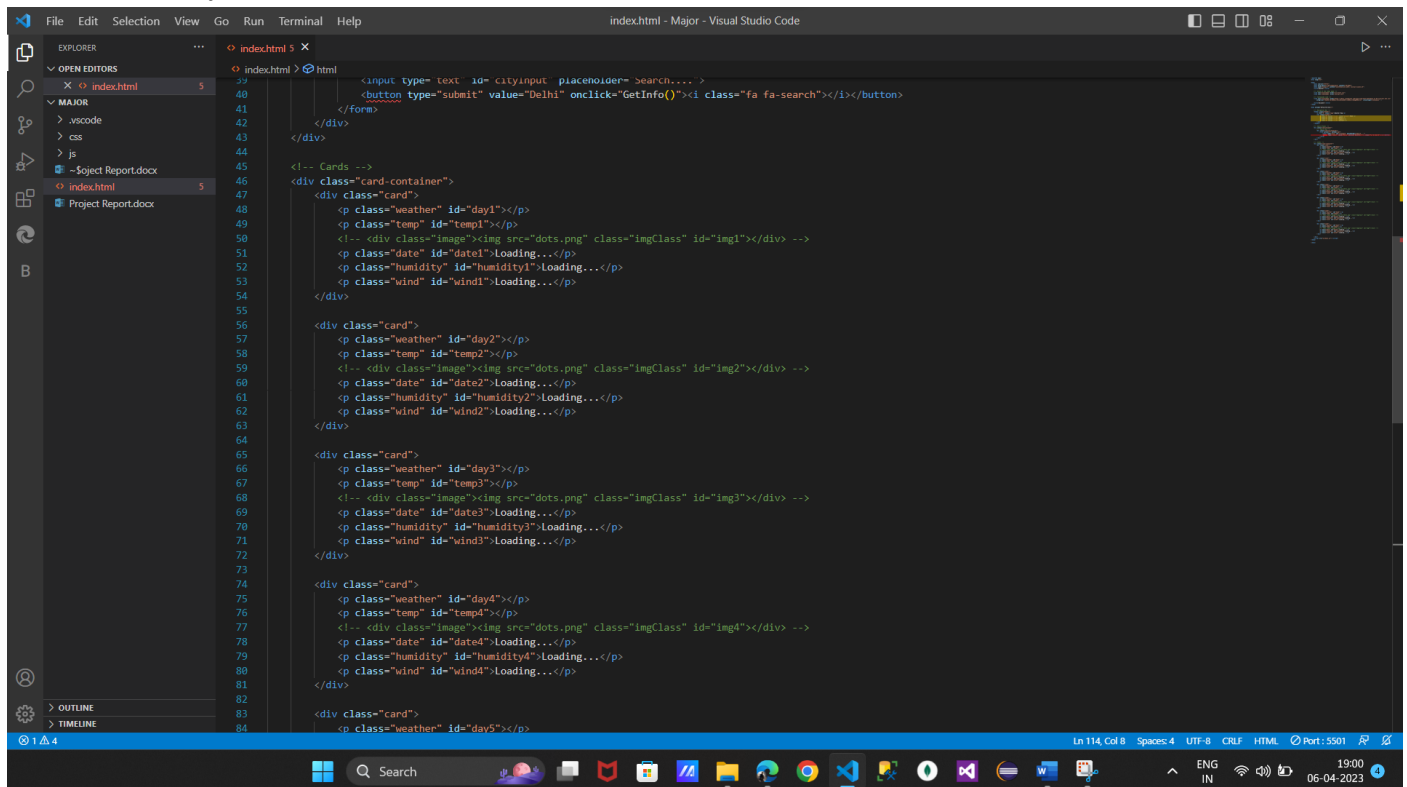
```
1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5   <meta charset="UTF-8">
6   <meta http-equiv="X-UA-Compatible" content="IE=edge">
7   <meta name="viewport" content="width=device-width, initial-scale=1.0">
8   <title>Weather</title>
9
10  <!-- Style of the index page -->
11  <link rel="stylesheet" href="css/style.css">
12  <link rel="stylesheet" href="css/nav.css">
13
14  <!-- fontawesome link -->
15  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.12.0-2/css/all.min.css"
16        integrity="sha256-46r060N2LcChLLb5zowQ72/1K0liw/1AmYgHEK/o=" crossorigin="anonymous" />
17
18  <title>Document</title>
19 </head>
20
21 <body onload="DefaultScreen()">
22
23  <!-- Navigation Bar -->
24  <header class="header">
25    <a href="#" class="logo">Weather Map</a>
26    <nav class="navbar">
27      <a href="#" style="--i:1;" class="active">Home</a>
28      <a href="#" style="--i:2;">About</a>
29      <a href="#" style="--i:3;">Signin</a>
30      <a href="#" style="--i:4;">Contact</a>
31    </nav>
32  </header>
33
34  <!-- Search Panel -->
35  <div class="search-panel">
36    <!-- Search Box -->
37    <div class="search-container">
38      <form action="#" method="get">
39        <input type="text" id="cityinput" placeholder="Search....">
40        <button type="submit" value="Delhi" onclick="GetInfo()"><i class="fa fa-search"></i></button>
41      </form>
42    </div>
43  </div>
44
45  <!-- Cards -->
46  <div class="card-container">
```

STEP 2: Adding a search bar to search the city.



```
39      <input type="text" id="cityinput" placeholder="Search....">
40      <button type="submit" value="Delhi" onclick="GetInfo()"><i class="fa fa-search"></i></button>
41    </form>
42  </div>
43 </div>
44
45 <!-- Cards -->
46 <div class="card-container">
47   <div class="card">
48     <p class="weather" id="day1"></p>
49     <p class="temp" id="temp1"></p>
50     <!-- <div class="image"></div> -->
51     <p class="date" id="date1">Loading...</p>
52     <p class="humidity" id="humidity1">Loading...</p>
53     <p class="wind" id="wind1">Loading...</p>
54   </div>
55
56   <div class="card">
57     <p class="weather" id="day2"></p>
58     <p class="temp" id="temp2"></p>
59     <!-- <div class="image"></div> -->
60     <p class="date" id="date2">Loading...</p>
61     <p class="humidity" id="humidity2">Loading...</p>
62     <p class="wind" id="wind2">Loading...</p>
63   </div>
64
65   <div class="card">
66     <p class="weather" id="day3"></p>
67     <p class="temp" id="temp3"></p>
68     <!-- <div class="image"></div> -->
69     <p class="date" id="date3">Loading...</p>
70     <p class="humidity" id="humidity3">Loading...</p>
71     <p class="wind" id="wind3">Loading...</p>
72   </div>
73
74   <div class="card">
75     <p class="weather" id="day4"></p>
76     <p class="temp" id="temp4"></p>
77     <!-- <div class="image"></div> -->
78     <p class="date" id="date4">Loading...</p>
79     <p class="humidity" id="humidity4">Loading...</p>
80     <p class="wind" id="wind4">Loading...</p>
81   </div>
82
83   <div class="card">
84     <p class="weather" id="day5"></p>
```

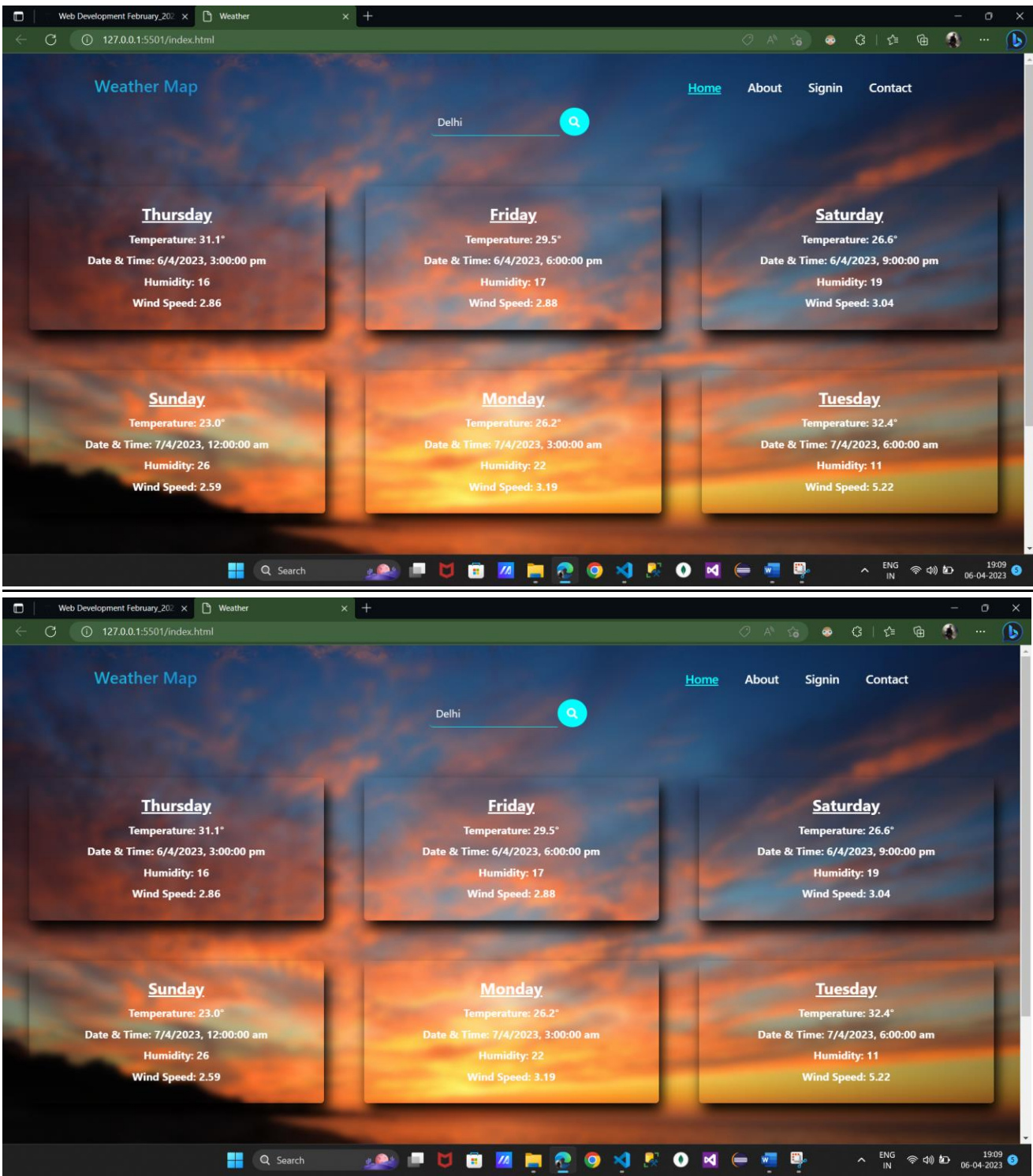
STEP 3: Adding cards to the webpage which shows the day, temperature, wind speed and humidity.



The screenshot shows the Visual Studio Code editor with the 'index.html' file open. The Explorer sidebar on the left shows the project structure with files like 'index.html', 'Project Report.docx', and 'Project Report.docx'. The main editor area displays the HTML code for the weather cards. The code includes a search bar at the top and five weather cards below it, each representing a different day (day1 to day5). Each card contains a weather icon, temperature, date, humidity, and wind speed. The code is as follows:

```
index.html - Major - Visual Studio Code
File Edit Selection View Go Run Terminal Help
index.html 5
EXPLORER
  OPEN EDITORS
    index.html 5
  MAJOR
    .vscode
    css
    js
    -Sojet Report.docx
    index.html 5
    Project Report.docx
  OUTLINE
  TIMELINE
  1.4
Ln 114, Col 8 Spaces: 4 UTF-8 CRLF HTML Port: 5501
<input type="text" id="cityInput" placeholder="Search...">
<button type="submit" value="Delhi" onclick="GetInfo()"><i class="fa fa-search"></i></button>
</div>
</div>
<!-- Cards -->
<div class="card-container">
  <div class="card">
    <p class="weather" id="day1"></p>
    <p class="temp" id="temp1"></p>
    <!-- <div class="image"></div> -->
    <p class="date" id="date1">Loading...</p>
    <p class="humidity" id="humidity1">Loading...</p>
    <p class="wind" id="wind1">Loading...</p>
  </div>
  <div class="card">
    <p class="weather" id="day2"></p>
    <p class="temp" id="temp2"></p>
    <!-- <div class="image"></div> -->
    <p class="date" id="date2">Loading...</p>
    <p class="humidity" id="humidity2">Loading...</p>
    <p class="wind" id="wind2">Loading...</p>
  </div>
  <div class="card">
    <p class="weather" id="day3"></p>
    <p class="temp" id="temp3"></p>
    <!-- <div class="image"></div> -->
    <p class="date" id="date3">Loading...</p>
    <p class="humidity" id="humidity3">Loading...</p>
    <p class="wind" id="wind3">Loading...</p>
  </div>
  <div class="card">
    <p class="weather" id="day4"></p>
    <p class="temp" id="temp4"></p>
    <!-- <div class="image"></div> -->
    <p class="date" id="date4">Loading...</p>
    <p class="humidity" id="humidity4">Loading...</p>
    <p class="wind" id="wind4">Loading...</p>
  </div>
  <div class="card">
    <p class="weather" id="day5"></p>
  </div>
</div>
```

OUTPUT



GitHub Link- <https://github.com/adi-19git-ac/Weather-Forecast-API.git>

Thank You

Aditya Singh