**Name : Viram Yadav**

**Sub : Teachnook Web development Major Project**

**Index.html (Viram’s Weather App)**

<!doctype html>

<html lang="en">

  <head>

    <meta charset="utf-8">

    <meta name="viewport" content="width=device-width, initial-scale=1">

    <title>Viram's Weather app</title>

    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-GLhlTQ8iRABdZLl6O3oVMWSktQOp6b7In1Zl3/Jr59b6EGGoI1aFkw7cmDA6j6gD" crossorigin="anonymous">

  </head>

  <body>

    <nav class="navbar navbar-expand-lg bg-body-tertiary">

        <div class="container-fluid">

          <a class="navbar-brand" href="#">Viram's Weather app</a>

          <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">

            <span class="navbar-toggler-icon"></span>

          </button>

          <div class="collapse navbar-collapse" id="navbarSupportedContent">

            <ul class="navbar-nav me-auto mb-2 mb-lg-0">

              <li class="nav-item">

                <a class="nav-link active" aria-current="page" href="#">Home</a>

              </li>

              <li class="nav-item">

                <a class="nav-link" href="#">About this app</a>

              </li>

              <li class="nav-item dropdown">

                <a class="nav-link dropdown-toggle" href="#" role="button" data-bs-toggle="dropdown" aria-expanded="false">

                  Dropdown

                </a>

                <ul class="dropdown-menu">

                  <li><a class="dropdown-item" href="#">Mumbai</a></li>

                  <li><a class="dropdown-item" href="#">Delhi</a></li>

                  <li><hr class="dropdown-divider"></li>

                  <li><a class="dropdown-item" href="#">Banglore</a></li>

                </ul>

                <ul class="dropdown-menu">

                  How to use?

                </ul>

              </li>

              <li class="nav-item">

                <a class="nav-link disabled">Disabled</a>

              </li>

            </ul>

            <form class="d-flex" role="search">

              <input id = "city" class="form-control me-2" type="search" placeholder="Search" aria-label="Search">

              <button class="btn btn-outline-success" type="submit" id = "submit">Search now</button>

            </form>

          </div>

        </div>

      </nav>

    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/js/bootstrap.bundle.min.js" integrity="sha384-w76AqPfDkMBDXo30jS1Sgez6pr3x5MlQ1ZAGC+nuZB+EYdgRZgiwxhTBTkF7CXvN" crossorigin="anonymous"></script>

    <script src = "script.js"> </script>

    <div class="container">

        <h1 class="my-4 text-center">Weather for <span id = "cityName"></span></h1>

      <main>

        <div class="row row-cols-1 row-cols-md-3 mb-3 text-center">

          <div class="col">

            <div class="card mb-4 rounded-3 shadow-sm">

              <div class="card-header py-3">

                <h4 class="my-0 fw-normal">Temperature</h4>

              </div>

              <div class="card-body">

                <h1 class="card-title pricing-card-title">$0<small class="text-muted fw-light">/mo</small></h1>

                <ul class="list-unstyled mt-3 mb-4">

                  <li>Temperature is<span id="temp"></span></li>

                  <li>Min Temperature is<span id="min\_temp"></span></li>

                  <li>Max Temperature is<span id="max\_temp"></span></li>

                </ul>

                <button type="button" class="w-100 btn btn-lg btn-outline-primary">Sign up for free</button>

              </div>

            </div>

          </div>

          <div class="col">

            <div class="card mb-4 rounded-3 shadow-sm">

              <div class="card-header py-3">

                <h4 class="my-0 fw-normal">Humidity Info</h4>

              </div>

              <div class="card-body">

                <h1 class="card-title pricing-card-title">$15<small class="text-muted fw-light">/mo</small></h1>

                <ul class="list-unstyled mt-3 mb-4">

                  <li>Wind degree is<span id="wind\_degree"></span> </li>

                  <li>Feels like<span id="feels\_like"></span></li>

                  <li>Humidity is<span id="humidity"></span></li>

                </ul>

                <button type="button" class="w-100 btn btn-lg btn-primary">Get started</button>

              </div>

            </div>

          </div>

          <div class="col">

            <div class="card mb-4 rounded-3 shadow-sm border-primary">

              <div class="card-header py-3 text-bg-primary border-primary">

                <h4 class="my-0 fw-normal">Wind info</h4>

              </div>

              <div class="card-body">

                <h1 class="card-title pricing-card-title">$29<small class="text-muted fw-light">/mo</small></h1>

                <ul class="list-unstyled mt-3 mb-4">

                  <li>Wind speed is<span id="wind\_speed"></span></li>

                  <li>Sunrise Time is<span id="sunrise\_time"></span></li>

                  <li>Sunset Time is<span id="sunset\_time"></span></li>

                </ul>

                <button type="button" class="w-100 btn btn-lg btn-primary">Contact us</button>

              </div>

            </div>

          </div>

        </div>

        <h2 class="display-6 text-center mb-4">Weather Of Other Cities</h2>

        <div class="table-responsive">

          <table class="table text-center">

            <thead>

              <tr>

                <th style="width: 34%;"></th>

                <th style="width: 22%;">Cloud\_Pct</th>

<th style="width: 22%;">Feels\_Like</th>

<th style="width: 22%;">Humidity</th>

<th style="width: 22%;">Max\_Temp</th>

<th style="width: 22%;">Min\_Temp</th>

<th style="width: 22%;">Sunrise</th>

<th style="width: 22%;">Sunset</th>

<th style="width: 22%;">Temp</th>

<th style="width: 22%;">Wind\_Degrees</th>

<th style="width: 22%;">Wind\_Speed</th>

              </tr>

            </thead>

            <tbody>

              <tr>

                <th scope="row" class="text-start">New York</th>

                <td>1</td>

                <td>2</td>

                <td>3</td>

                <td>4</td>

                <td>5</td>

                <td>6</td>

                <td>7</td>

                <td>8</td>

                <td>9</td>

                <td>10</td>

              </tr>

              <tr>

                <th scope="row" class="text-start">Boston</th>

                <td>1</td>

                <td>2</td>

                <td>3</td>

                <td>4</td>

                <td>5</td>

                <td>6</td>

                <td>7</td>

                <td>8</td>

                <td>9</td>

                <td>10</td>

              </tr>

            </tbody>

            <tbody>

              <tr>

                <th scope="row" class="text-start">Seatle</th>

                <td>1</td>

                <td>2</td>

                <td>3</td>

                <td>4</td>

                <td>5</td>

                <td>6</td>

                <td>7</td>

                <td>8</td>

                <td>9</td>

                <td>10</td>

              </tr>

              <tr>

                <th scope="row" class="text-start">Amsterdam</th>

                <td>1</td>

                <td>2</td>

                <td>3</td>

                <td>4</td>

                <td>5</td>

                <td>6</td>

                <td>7</td>

                <td>8</td>

                <td>9</td>

                <td>10</td>

              </tr>

              <tr>

                <th scope="row" class="text-start">Bangkok</th>

                <td>1</td>

                <td>2</td>

                <td>3</td>

                <td>4</td>

                <td>5</td>

                <td>6</td>

                <td>7</td>

                <td>8</td>

                <td>9</td>

                <td>10</td>

              </tr>

              <tr>

                <th scope="row" class="text-start">Dubai City</th>

                <td>1</td>

                <td>2</td>

                <td>3</td>

                <td>4</td>

                <td>5</td>

                <td>6</td>

                <td>7</td>

                <td>8</td>

                <td>9</td>

                <td>10</td>

              </tr>

            </tbody>

          </table>

        </div>

      </main>

    </div>

  </body>

</html>

**Script.js**

const options = {

    method: 'GET',

    headers: {

        'X-RapidAPI-Key': '884f6c76f9msh5129c302ab46a7fp12ee8bjsnabe9afa58777',

        'X-RapidAPI-Host': 'weather-by-api-ninjas.p.rapidapi.com'

    }

};

const getWeather = (city) =>

{

cityName.innerHTML = city

fetch('https://weather-by-api-ninjas.p.rapidapi.com/v1/weather?city= +city', options)

    .then(response => response.json())

    .then((response) => {

        console.log(response)

        //cloud\_pct.innerHTML = resonse.cloud\_pct

        temp.innerHTML = resonse.temp

        feels\_like.innerHTML = resonse.feels\_like

        humidity.innerHTML = resonse.humidity

        min\_temp.innerHTML = resonse.min\_temp

        max\_temp.innerHTML = resonse.max\_temp

        wind\_speed.innerHTML = resonse.wind\_speed

        wind\_degrees.innerHTML = resonse.wind\_degrees

        sunrise.innerHTML = resonse.sunrise

        sunset.innerHTML = resonse.sunset

    })

    .catch(err => console.error(err));

}

submit.addEventListener("click", (e) =>{

e.preventDefault()

getWeather(city.value)

})

getWeather("Mumbai")

<th style="width: 22%;">Cloud\_Pct</th>

<th style="width: 22%;">Feels\_Like</th>

<th style="width: 22%;">Humidity</th>

<th style="width: 22%;">Max\_Temp</th>

<th style="width: 22%;">Min\_Temp</th>

<th style="width: 22%;">Sunrise</th>

<th style="width: 22%;">Sunset</th>

<th style="width: 22%;">Temp</th>

<th style="width: 22%;">Wind\_Degrees</th>

<th style="width: 22%;">Wind\_Speed</th>

cloud\_pct= resonse.cloud\_pct

temp= resonse.temp

feels\_like= resonse.feels\_like

humidity= resonse.humidity

min\_temp= resonse.min\_temp

max\_temp= resonse.max\_temp

wind\_speed= resonse.wind\_speed

wind\_degrees= resonse.wind\_degrees

sunrise= resonse.sunrise

sunset= resonse.sunset

**Output :-**

