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| Subject code & Name | : | **CSE304 &**  **Full Stack Development** | Practical | : | **2** | Academic Year | : | **2024-25** |

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| **Task - 2** |
| **Aim** |
| Create a simple weather application that displays a hardcoded temperature for a given city. This simple weather application demonstrates basic HTML structure for user input, CSS styling for layout and appearance, and JavaScript functionality to handle user interactions and display dynamic content. |
| **Code** |
| index.html  <!DOCTYPE html>  <html lang="en">  <head>  <meta charset="UTF-8">  <meta name="viewport" content="width=device-width, initial-scale=1.0">  <title>Show Weather</title>  <link rel="stylesheet" href="style.css">  </head>  <body>  <div class="container">  <h1>Weather App</h1>  <div class="input-group">  <input type="text" id="name-input" placeholder="Enter City Here!">  </div>  <div class="input-group">  <button id="show-btn">Show Weather</button>  </div>  <div id="name-display"></div>  </div>  <script src="script.js"></script>  </body>  </html>  style.css  body {  font-family: Arial, sans-serif;  display: flex;  justify-content: center;  align-items: center;  height: 100vh;  }  .container {  justify-content: center;  border-radius: 8px;  align-items: center;  padding: 100px;  background-color: aqua;  }  .input-group {  margin-bottom: 20px;  font-size: 14px;  border-radius: 4px;  }  .input-group input[type="text"] {  padding: 10px;  font-size: 16px;  border: 1px solid #ccc;  border-radius: 5px 0 0 5px;  outline: none;  width: 300px;  }  .input-group button {  padding: 10px 20px;  font-size: 16px;  background-color: #007bff;  color: #fff;  border: 1px solid #007bff;  border-radius: 0 5px 5px 0;  cursor: pointer;  transition: background-color 0.3s ease;  }  .input-group button:hover {  background-color: #0056b3;  }  #name-display {  font-size: 18px;  color: #333;  }  script.js  document.addEventListener('DOMContentLoaded', function() {  const nameInput = document.getElementById('name-input');  const showBtn = document.getElementById('show-btn');  const nameDisplay = document.getElementById('name-display');  const cityWeather = {  'ahemdabad': { name: 'Ahmedabad', weather: 30 },  'vadodara': { name: 'Vadodara', weather: 34 },  'mumbai': { name: 'Mumbai', weather: 28 }  };  showBtn.addEventListener('click', () => {  const enteredCity = nameInput.value.trim().toLowerCase();  if (enteredCity === '') {  // nameDisplay.textContent = 'Please enter a city name';  alert('Please enter a city name');  } else if (cityWeather.hasOwnProperty(enteredCity)) {  const city = cityWeather[enteredCity];  nameDisplay.textContent = `Weather of ${city.name} is ${city.weather}`;  } else {  nameDisplay.textContent = 'Weather information not available for this city';  }  });  }); |
| **Output** |
| **1.1 weather app** |

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| **Signature :** |