1. HTML Code

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="styles.css">
    <title>Weather App</title>
</head>
<body>
    <div class="container">
        <h1>Weather App</h1>
        <div id="weather-container">
            <input type="text" id="city-input" placeholder="Enter city">
            <button onclick="getWeather()">Get Weather</button>
            <div id="weather-info"></div>
        </div>
    </div>

    <script src="script.js"></script>
</body>
</html>
```

2. CSS Code

```css
body {
    font-family: Arial, sans-serif;
    margin: 0;
    padding: 0;
    display: flex;
    align-items: center;
    justify-content: center;
```

```css
    height: 100vh;

    background-color: #f4f4f4;

}


.container {

    text-align: center;

    background-color: #fff;

    padding: 20px;

    border-radius: 8px;

    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);

}


#weather-container {

    margin-top: 20px;

}


input, button {

    margin-bottom: 10px;

    padding: 8px;

}


#weather-info {

    font-size: 18px;

}
```

3. Js Code

```javascript
function getWeather() {

    const cityInput = document.getElementById('city-input');

    const cityName = cityInput.value;


    if (cityName.trim() === '') {

        alert('Please enter a city name.');
```

```
    return;

  }


  const apiKey = 'YOUR_API_KEY'; // Replace with your actual API key

  const apiUrl =
`https://api.openweathermap.org/data/2.5/weather?q=${cityName}&appid=${apiKey}`;


  fetch(apiUrl)

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

    .then(data => {

      const weatherInfo = document.getElementById('weather-info');

      const temperature = data.main.temp;

      const description = data.weather[0].description;


      weatherInfo.innerHTML = `Current temperature in ${cityName}: ${temperature}°C,
${description}.`;

    })

    .catch(error => {

      console.error('Error fetching weather data:', error);

      alert('Error fetching weather data. Please try again.');

    });

}
```