**Index.HTML**

<!DOCTYPE html>

<head>

<link rel="stylesheet" href="styles.css">

<link rel="stylesheet" href=

"https://cdnjs.cloudflare.com/ajax/libs/animate.css/4.1.1/animate.min.css">

<link rel="stylesheet" href=

"https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.15.1/css/all.min.css">

<link rel="stylesheet" href=

"https://fonts.googleapis.com/css2?family=Montserrat:wght@400;700&display=swap">

<title>GFG App</title>

</head>

<body>

<div class="container">

<div class="weather-card">

<h3>

Weather

</h3>

<input type="text" id="city-input"

placeholder="Enter city name">

<button id="city-input-btn"

onclick="weatherFn($('#city-input').val())">

Get Weather

</button>

<div id="weather-info"

class="animate\_\_animated animate\_\_fadeIn">

<h3 id="city-name"></h3>

<p id="date"></p>

<img id="weather-icon" src="" alt="Weather Icon">

<p id="temperature"></p>

<p id="description"></p>

<p id="wind-speed"></p>

</div>

</div>

</div>

<script src=

"https://code.jquery.com/jquery-3.6.0.min.js">

</script>

<script src=

"https://momentjs.com/downloads/moment.min.js">

</script>

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

</body>

</html>

**Styles.CSS:**

body {

margin: 0;

font-family: 'Montserrat', sans-serif;

display: flex;

justify-content: center;

align-items: center;

height: 100vh;

background: linear-gradient(to right, #4CAF50, #2196F3);

}

.container {

text-align: center;

}

.weather-card {

background-color: rgba(255, 255, 255, 0.95);

border-radius: 20px;

padding: 20px;

box-shadow: 0 0 30px rgba(0, 0, 0, 0.1);

transition: transform 0.3s ease-in-out;

width: 450px;

}

.weather-card:hover {

transform: scale(1.05);

}

#city-input {

padding: 15px;

margin: 10px 0;

width: 70%;

border: 1px solid #ccc;

border-radius: 5px;

font-size: 16px;

}

#city-input:focus {

outline: none;

border-color: #2196F3;

}

#city-input::placeholder {

color: #aaa;

}

#city-input-btn {

padding: 10px;

background-color: #2196F3;

color: #fff;

border: none;

border-radius: 5px;

font-size: 16px;

cursor: pointer;

}

#city-input-btn:hover {

background-color: #1565C0;

}

#weather-info {

display: none;

}

#weather-icon {

width: 100px;

height: 100px;

}

#temperature {

font-size: 24px;

font-weight: bold;

margin: 8px 0;

}

#description {

font-size: 18px;

margin-bottom: 10px;

}

#wind-speed {

font-size: 16px;

color: rgb(255, 0, 0);

}

#date {

font-size: 14px;

color: rgb(255, 0, 0);

}

**Script.js:**

const url =

'https://api.openweathermap.org/data/2.5/weather';

const apiKey =

'f00c38e0279b7bc85480c3fe775d518c';

$(document).ready(function () {

weatherFn('Pune');

});

async function weatherFn(cName) {

const temp =

`${url}?q=${cName}&appid=${apiKey}&units=metric`;

try {

const res = await fetch(temp);

const data = await res.json();

if (res.ok) {

weatherShowFn(data);

} else {

alert('City not found. Please try again.');

}

} catch (error) {

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

}

}

function weatherShowFn(data) {

$('#city-name').text(data.name);

$('#date').text(moment().

format('MMMM Do YYYY, h:mm a'));

$('#temperature').

html(`${data.main.temp}°C`);

$('#description').

text(data.weather[0].description);

$('#weather-info').fadeIn();

}