

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1.0" />
  <title>Live Weather Dashboard</title>
  <style>
    body {
      font-family: "Poppins", sans-serif;
      background: linear-gradient(to right, #4facfe, #00f2fe);
      display: flex;
      justify-content: center;
      align-items: center;
      height: 100vh;
      margin: 0;
    }

    .weather-container {
      background: #ffffffcc;
      border-radius: 20px;
      box-shadow: 0 4px 10px rgba(0, 0, 0, 0.2);
      padding: 30px;
      width: 350px;
      text-align: center;
    }

    h1 {
      margin-bottom: 10px;
      color: #333;
    }

    input {
      width: 80%;
      padding: 10px;
      margin: 10px 0;
      border: none;
      border-radius: 8px;
      outline: none;
      font-size: 16px;
    }

    button {
      background: #0078ff;
      border: none;
```

```
padding: 10px 20px;
color: #fff;
border-radius: 8px;
cursor: pointer;
font-size: 16px;
transition: 0.3s;
}

button:hover {
  background: #005ec2;
}

.weather-info {
  margin-top: 20px;
  display: none;
}

.temp {
  font-size: 48px;
  font-weight: bold;
  color: #333;
}

.description {
  font-size: 20px;
  color: #666;
  text-transform: capitalize;
}

.details {
  margin-top: 10px;
  font-size: 16px;
  color: #444;
}

img {
  width: 80px;
  height: 80px;
}
</style>
</head>
<body>
<div class="weather-container">
  <h1>🌤️ Live Weather Dashboard</h1>
```

```
<input type="text" id="cityInput" placeholder="Enter city name" />
<button onclick="getWeather()">Get Weather</button>
```

```
<div class="weather-info" id="weatherInfo">
  <h2 id="cityName"></h2>
  <img id="icon" src="" alt="Weather icon" />
  <div class="temp" id="temperature"></div>
  <div class="description" id="description"></div>
  <div class="details" id="details"></div>
</div>
</div>
```

```
<script>
```

```
const apiKey = "YOUR_API_KEY"; // 🔑 Replace with your OpenWeatherMap API key
```

```
async function getWeather() {
  const city = document.getElementById("cityInput").value;
  if (!city) {
    alert("Please enter a city name!");
    return;
  }
}
```

```
const url =
```

```
`https://api.openweathermap.org/data/2.5/weather?q=${city}&appid=${apiKey}&units=metric`;
```

```
try {
```

```
  const response = await fetch(url);
  if (!response.ok) throw new Error("City not found");
  const data = await response.json();
```

```
  document.getElementById("weatherInfo").style.display = "block";
  document.getElementById("cityName").textContent = `${data.name}, ${data.sys.country}`;
  document.getElementById("temperature").textContent =
```

```
` ${Math.round(data.main.temp)}°C`;
```

```
  document.getElementById("description").textContent = data.weather[0].description;
  document.getElementById("icon").src =
```

```
`https://openweathermap.org/img/wn/${data.weather[0].icon}@2x.png`;
```

```
  document.getElementById("details").innerHTML = `
```

```
    🌡 Feels like: ${Math.round(data.main.feels_like)}°C<br>
```

```
    💧 Humidity: ${data.main.humidity}%<br>
```

```
    🌬 Wind Speed: ${data.wind.speed} m/s
```

```
`;
```

```
} catch (error) {
```

```
  alert("Error: " + error.message);
```

```
    }  
  }  
</script>  
</body>  
</html>
```