

LIVE WEATHER DASHBOARD :

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

```
async function getWeather() {
```

```
  const city = document.getElementById("cityInput").value.trim();
```

```
  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);
```

```
    const data = await response.json();
```

```
    if (data.cod === "404") {
```

```
      document.getElementById("weatherInfo").innerHTML = `<p>City not found  
☁️</p>`;
```

```
      return;
```

```
    }
```

```
    const weatherInfo = `
```

```
      <h2>${data.name}, ${data.sys.country}</h2>
```

```
      
```

```
      <h3>${data.weather[0].main}</h3>
```

```
<div class="weather-details">
```

```
  🌡 Temperature: ${data.main.temp}°C<br>
```

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

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

```
</div>
```

```
`;
```

```
document.getElementById("weatherInfo").innerHTML = weatherInfo;
```

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

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

Error fetching data.  
Please try again.</p>`;


```

```
  console.error("Error:", error);
```

```
}
```

```
}
```