

```
const API_KEY = "YOUR_API_KEY"; //  
Replace with your OpenWeather API key
```

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

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

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

```
    const data = await response.json();
    displayWeather(data);
  } catch (error) {
```

```
    document.getElementById("weatherInfo").i
    nnerHTML = `<p style="color: red;">$
    {error.message}</p>`;
    }
  }
}
```

```
function displayWeather(data) {
  const { name, main, weather } = data;
  const weatherHTML = `
    <h2>${name}</h2>
    <p>Temperature: ${main.temp}°C</p>
    <p>Humidity: ${main.humidity}%</p>
    <p>Condition: $
    {weather[0].description}</p>
      
`;  
`;
```

```
document.getElementById("weatherInfo").i  
nnerHTML = weatherHTML;  
}
```


