**PROGRAM :**

<!DOCTYPE html>

<html>

<head>

<title>IBM-NJ Weather Dashboard</title>

<style>

body { font-family: Arial; background: #e3f2fd; text-align: center; padding: 40px; }

#weather-box { background: white; padding: 20px; border-radius:

10px; width: 320px; margin: auto; box-shadow: 0 0 10px #ccc; }

input, button { margin: 10px0; padding: 8px; width: 90%; }

</style>

</head>

<body>

<divid="weather-box">

<h2>IBM-NJ Weather Dashboard</h2>

<inputtype="text"id="cityInput"placeholder="Enter city name">

<buttononclick="getWeather()">Check Weather</button>

<pid="weatherResult"></p>

</div> <script>

asyncfunctiongetWeather() {

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

if (!city) returnalert("Please enter a city name");

const apiKey = "your\_api\_key";

const res = await fetch(`https://api.openweathermap.org/data/2.5/weather?q=${city

}&appid=${apiKey}&units=metric`);

const data = await res.json();

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

document.getElementById("weatherResult").innerText = "City not

found!";

return;

}

document.getElementById("weatherResult").innerText =

`🌤 ${data.name}: ${data.main.temp}°C,

${data.weather[0].description}`;

}

</script>

</body>

</html>