const apiKey = "31833e97b0a6d908b01209a1017c3b05";

const cityInput = document.querySelector(".cityInput");

const search = document.querySelector(".search");

search.addEventListener("click", async (event) => {

    event.preventDefault();

    const city = cityInput.value;

    if (city) {

        try {

            const weatherData = await getWeatherData(city);

            const forecastData = await getForecastData(city);

            displayWeatherInfo(weatherData);

            displayForecastHInfo(forecastData);

        } catch (error) {

            console.error(error);

            displayError("An error occurred while fetching the weather data.");

        }

    } else {

        displayError("Enter a city.");

    }

});

async function getWeatherData(city) {

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

    const response = await fetch(currentWeatherUrl);

    if (!response.ok) {

        throw new Error("Weather data not found");

    }

    else{

    return await response.json();

}

}

async function getForecastHData(city){

     const hourlyForecastUrl = `https://api.openweathermap.org/data/2.5/forecast?q=${city}&appid=${apiKey}`;

     const hourlyResponse = await fetch(hourlyForecastUrl);

     if (!hourlyResponse.ok) {

         throw new Error("Hourly forecast data not found");

     }

     else{

     return  await hourlyResponse.json();

    }

}

function displayWeatherInfo(data) {

    console.log(data);

    const { name: city, sys:{country}, main: { temp, feels\_like }, weather: [{ description, id, icon }] } = data;

    const iconDisplay=document.getElementById("ikon");

    let iconurlImg= `http://openweathermap.org/img/wn/${icon}@2x.png`;

    document.getElementById("city").textContent = `${city}, ${country}`;

    document.getElementById("temperature").textContent =`  ${(temp - 273.15).toFixed(2)}°C`;

    document.getElementById("feel").textContent = `Feels Like : ${(feels\_like - 273.15).toFixed(2)}°C`;

    document.getElementById("descbox").textContent = `${description.toUpperCase()}`;

    iconDisplay.src=iconurlImg;

}

function displayForecastHInfo(data) {

    console.log(data);

}

function displayError(message) {

}