*const* key = "Hh9BaUj66AOYq22vKT3RDqAwnVCxlpJI";

*//get weather information*

*const* getWeather = *async*(*id*) => {

*const* base = "http://dataservice.accuweather.com/currentconditions/v1/";

*const* query = `${id}?apikey=${key}`;

*const* response = await fetch(base + query);

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

    return data[0];

}

getWeather("4607");

*//get city information*

*const* getCity = *async*(*city*) => {

*const* base = "http://dataservice.accuweather.com/locations/v1/cities/search";

*const* query = `?apikey=${key}&q=${city}`;

*const* response = await fetch(base + query);

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

    return(data[0]);

}

getCity("lagos").then(*data* => {

    return getWeather(data.Key);

}).then(*data* => console.log(data)).catch(*err* => console.log(err));

*const* cityForm = document.querySelector("form");

*const* card = document.querySelector(".card");

*const* details = document.querySelector(".details");

*const* time = document.querySelector("img.time");

*const* icon = document.querySelector(".icon img");

*const* updateUI = (*data*) => {

        console.log(data);

*const* {cityDetails, weather} = data;

        details.innerHTML = `

        <div>

                <h5 class="city-name">${cityDetails.EnglishName}</h5>

                <div class="weather-condition">${weather.WeatherText}</div>

                <div class="display">

                    <span>${weather.Temperature.Metric.Value}</span>

                    <span>&deg;C</span>

                </div>

        </div>

        `;

*//update the night and day icons*

*const* iconSrc = `img/icons/${weather.WeatherIcon}.svg`;

        icon.setAttribute("src", iconSrc);

*let* timeSrc = null;

        if(weather.IsDayTime){

                timeSrc = "img/day.svg";

        } else {

            timeSrc = "img/night.svg";

        }

        time.setAttribute("src", timeSrc);

*//update user interface*

        if(card.classList.contains("d-none")){

                card.classList.remove("d-none");

        }

}

*const* updateCity = *async* *city* => {

*const* cityDetails = await getCity(city);

*const* weather = await getWeather(cityDetails.Key);

       return {

        cityDetails,

        weather,

       }

}

cityForm.addEventListener("submit", *e* => {

*// prevent default action*

    e.preventDefault();

*//get city value*

*const* city = cityForm.city.value.trim();

    cityForm.reset();

*//update ui*

    updateCity(city).then(*data* => {

        updateUI(data);

    }).catch(*err* => console.log(err));

*//set local storage*

    localStorage.setItem("city", city);

})

if(localStorage.getItem("city")){

        updateCity(localStorage.getItem("city"))

        .then(*data* => {updateUI(data)})

        .catch(*err* => console.log(err));

}