//Declared Variables

var pastSearches = []

var lat

var lon

//Setting Date

var date = (moment().format("L"))

//Calling functions to retrieve local storage on page load , if there is any

retrieveDailyWeatherStorage()

retrieveListStorage()

//Function to retrieve local storage for list and append it to the page

function retrieveListStorage() {

if (localStorage.getItem("pastSearches") !== null) {

var prevSearches = []

prevSearches = localStorage.getItem("pastSearches").split(",").reverse()

for (i = 0; i < prevSearches.length && i < 5; i++) {

pastSearches.push(prevSearches[i])

}

for (i = 0; i < 5 && i < prevSearches.length; i++) {

let searchItem = $("<li>").attr("id", "listItem")

searchItem.text(prevSearches[i])

$(".list").append(searchItem)

}

}

}

//Retrieving local storage for weather all weather information, create the elements and append them on the page

function retrieveDailyWeatherStorage() {

var localWeatherDiv = $("<div>")

//If statement to determine if the correct items are in local storage

if (localStorage.getItem("InitialCity") !== null && localStorage.getItem("initialWeather") !== null && localStorage.getItem("initialTempFixed") !== null && localStorage.getItem("initialHumidity") !== null && localStorage.getItem("initialWindSpeed") !== null && localStorage.getItem("initalUvIndex") !== null) {

//City name

var LocalCityDiv = $("<div>").addClass("bigger")

var LocalCity = localStorage.getItem("InitialCity")

//Weather animation

var localWeather = localStorage.getItem("initialWeather")

var localWeatherAnimation = $("<span>")

// applying class to weather animation span

if (localWeather === "Clouds") {

localWeatherAnimation.addClass("fas fa-cloud fa-2x")

} else if (localWeather === "Rain") {

localWeatherAnimation.addClass("fas fa-cloud-rain fa-2x")

} else if (localWeather === "Clear") {

localWeatherAnimation.addClass("far fa-sun fa-2x")

} else if (localWeather === "Snow") {

localWeatherAnimation.addClass("fas fa-snowflake fa-2x")

} else if (localWeather === "Mist") {

localWeatherAnimation.addClass("fas fa-cloud-rain fa-2x")

} else if (localWeather === "Haze") {

localWeatherAnimation.addClass("fas fa-smog fa-2x")

}

LocalCityDiv.text(LocalCity + " " + date + " ");

LocalCityDiv.append(localWeatherAnimation)

//temperature

var localTempF = localStorage.getItem("initialTempFixed")

var LocalTempDiv = $("<div>")

LocalTempDiv.text("Temperature : " + localTempF + "F").addClass("tempClass")

// Humidity

var localHumidity = localStorage.getItem("initialHumidity")

var localHumidityDiv = $("<div>")

localHumidityDiv.text("Humidity : " + localHumidity + " %").addClass("humidity")

// Wind Speed

var localWindSpeed = localStorage.getItem("initialWindSpeed")

var localWindSpeedDiv = $("<div>")

localWindSpeedDiv.text("Wind Speed : " + localWindSpeed + " MPH").addClass("windSpeed")

//UV Index

var localUvIndexDiv = $("<div>")

var localUvIndex = localStorage.getItem("initalUvIndex")

var localUvIndexSpan = $("<span>")

localUvIndexDiv.text("UV Index: ").addClass("UvIndex")

localUvIndexDiv.append(localUvIndexSpan)

localUvIndexSpan.text(localUvIndex)

//setting the color of uv index span based on uv value

if (localUvIndex <= 3) {

localUvIndexSpan.addClass("low")

} else if (localUvIndex > 7.01) {

localUvIndexSpan.addClass("high")

} else if (3.1 <= localUvIndex <= 6.9) {

localUvIndexSpan.addClass("medium")

}

//Appending to page

$(localWeatherDiv).append(LocalCityDiv, LocalTempDiv, localHumidityDiv, localWindSpeedDiv, localUvIndexDiv)

$("#dayForecast").append(localWeatherDiv)

}

// Getting local storage for 5 day divs

//For Day One

var localNextDayDiv = $("<div>")

if (localStorage.getItem("nextDayDate") !== null && localStorage.getItem("weatherNextDay") !== null && localStorage.getItem("fNextDay") !== null && localStorage.getItem("nextDayHumidity") !== null) {

// Get Date

var localNextDayDate = localStorage.getItem("nextDayDate")

console.log(localNextDayDate)

var LocalNextDayDateDiv = $("<div>").addClass("head")

LocalNextDayDateDiv.text(localNextDayDate)

//Get weather

var LocalWeatherNextDay = localStorage.getItem("weatherNextDay")

var LocalWeatherNextDayDiv = $("<div>")

// If statement for weather

if (LocalWeatherNextDay === "Clouds") {

LocalWeatherNextDayDiv.addClass("fas fa-cloud fa-2x")

} else if (LocalWeatherNextDay === "Rain") {

LocalWeatherNextDayDiv.addClass("fas fa-cloud-rain fa-2x")

} else if (LocalWeatherNextDay === "Clear") {

LocalWeatherNextDayDiv.addClass("far fa-sun fa-2x")

} else if (LocalWeatherNextDay === "Snow") {

LocalWeatherNextDayDiv.addClass("fas fa-snowflake fa-2x")

} else if (LocalWeatherNextDay === "Mist") {

LocalWeatherNextDayDiv.addClass("fas fa-cloud-rain fa-2x")

} else if (LocalWeatherNextDay === "Smog") {

LocalWeatherNextDayDiv.addClass("fas fa-smog fa-2x")

}

// Temperature

var localFNextDay = localStorage.getItem("fNextDay")

console.log(localFNextDay)

var LocalNextDayTempCDiv = $("<div>")

LocalNextDayTempCDiv.text("Temp: " + localFNextDay + " �F").addClass("tempClass")

// Humidity

var LocalNextDayHumidity = localStorage.getItem("nextDayHumidity")

var LocalNextDayHumidityDiv = $("<div>")

LocalNextDayHumidityDiv.text("Humidity: " + LocalNextDayHumidity + "%").addClass("humidity")

localNextDayDiv.append(LocalNextDayDateDiv, LocalWeatherNextDayDiv, LocalNextDayTempCDiv, LocalNextDayHumidityDiv)

$("#nextDay").append(localNextDayDiv)

}

//For day two

var localDayTwoDiv = $("<div>")

if (localStorage.getItem("dayTwoDate") !== null && localStorage.getItem("dayTwoWeather") !== null && localStorage.getItem("dayTwoFixedTemp") !== null && localStorage.getItem("dayTwoHumidity") !== null) {

// Get Date

var localDayTwoDate = localStorage.getItem("dayTwoDate")

var LocalDayTwoDateDiv = $("<div>").addClass("head")

LocalDayTwoDateDiv.text(localDayTwoDate)

//Get weather

var LocalWeatherDayTwo = localStorage.getItem("dayTwoWeather")

var LocalWeatherDayTwoDiv = $("<div>")

// If statement for weather

if (LocalWeatherDayTwo === "Clouds") {

LocalWeatherDayTwoDiv.addClass("fas fa-cloud fa-2x")

} else if (LocalWeatherDayTwo === "Rain") {

LocalWeatherDayTwoDiv.addClass("fas fa-cloud-rain fa-2x")

} else if (LocalWeatherDayTwo === "Clear") {

LocalWeatherDayTwoDiv.addClass("far fa-sun fa-2x")

} else if (LocalWeatherDayTwo === "Snow") {

LocalWeatherDayTwoDiv.addClass("fas fa-snowflake fa-2x")

} else if (LocalWeatherDayTwo === "Mist") {

LocalWeatherDayTwoDiv.addClass("fas fa-cloud-rain fa-2x")

} else if (LocalWeatherDayTwo === "Haze") {

LocalWeatherDayTwoDiv.addClass("fas fa-smog fa-2x")

}

// Temperature

var localFDayTwo = localStorage.getItem("dayTwoFixedTemp")

var LocalDayTwoTempDiv = $("<div>")

LocalDayTwoTempDiv.text("Temp: " + localFDayTwo + " �F").addClass("tempClass")

// Humidity

var LocalDayTwoHumidity = localStorage.getItem("dayTwoHumidity")

var LocalDayTwoHumidityDiv = $("<div>")

LocalDayTwoHumidityDiv.text("Humidity: " + LocalDayTwoHumidity + "%").addClass("humidity")

// Appending to page

localDayTwoDiv.append(LocalDayTwoDateDiv, LocalWeatherDayTwoDiv, LocalDayTwoTempDiv, LocalDayTwoHumidityDiv)

$("#dayTwo").append(localDayTwoDiv)

}

//For day three

var localDayThreeDiv = $("<div>")

if (localStorage.getItem("dayThreeDate") !== null && localStorage.getItem("dayThreeWeather") !== null && localStorage.getItem("dayThreeTempFixed") !== null && localStorage.getItem("dayThreeHumidity") !== null) {

// Get Date

var localDayThreeDate = localStorage.getItem("dayThreeDate")

var LocalDayThreeDateDiv = $("<div>").addClass("head")

LocalDayThreeDateDiv.text(localDayThreeDate)

//Get weather

var LocalWeatherDayThree = localStorage.getItem("dayThreeWeather")

var LocalWeatherDayThreeDiv = $("<div>")

// If statement for weather

if (LocalWeatherDayThree === "Clouds") {

LocalWeatherDayThreeDiv.addClass("fas fa-cloud fa-2x")

} else if (LocalWeatherDayThree === "Rain") {

LocalWeatherDayThreeDiv.addClass("fas fa-cloud-rain fa-2x")

} else if (LocalWeatherDayThree === "Clear") {

LocalWeatherDayThreeDiv.addClass("far fa-sun fa-2x")

} else if (LocalWeatherDayThree === "Snow") {

LocalWeatherDayThreeDiv.addClass("fas fa-snowflake fa-2x")

} else if (LocalWeatherDayThree === "Mist") {

LocalWeatherDayThreeDiv.addClass("fas fa-cloud-rain fa-2x")

} else if (LocalWeatherDayThree === "Haze") {

LocalWeatherDayThreeDiv.addClass("fas fa-smog fa-2x")

}

// Temperature

var localFDayThree = localStorage.getItem("dayThreeTempFixed")

var LocalDayThreeTempDiv = $("<div>")

LocalDayThreeTempDiv.text("Temp: " + localFDayThree + " �F").addClass("tempClass")

// Humidity

var LocalDayThreeHumidity = localStorage.getItem("dayThreeHumidity")

var LocalDayThreeHumidityDiv = $("<div>")

LocalDayThreeHumidityDiv.text("Humidity: " + LocalDayThreeHumidity + "%").addClass("humidity")

// Appending to page

localDayThreeDiv.append(LocalDayThreeDateDiv, LocalWeatherDayThreeDiv, LocalDayThreeTempDiv, LocalDayThreeHumidityDiv)

$("#dayThree").append(localDayThreeDiv)

}

//For day four

var localDayFourDiv = $("<div>")

if (localStorage.getItem("dayFourDate") !== null && localStorage.getItem("dayFourWeather") !== null && localStorage.getItem("dayFourFixedTemp") !== null && localStorage.getItem("dayFourHumidity") !== null) {

// Get Date

var localDayFourDate = localStorage.getItem("dayFourDate")

var LocalDayFourDateDiv = $("<div>").addClass("head")

LocalDayFourDateDiv.text(localDayFourDate)

//Get weather

var LocalWeatherDayFour = localStorage.getItem("dayFourWeather")

var LocalWeatherDayFourDiv = $("<div>")

// If statement for weather

if (LocalWeatherDayFour === "Clouds") {

LocalWeatherDayFourDiv.addClass("fas fa-cloud fa-2x")

} else if (LocalWeatherDayFour === "Rain") {

LocalWeatherDayFourDiv.addClass("fas fa-cloud-rain fa-2x")

} else if (LocalWeatherDayFour === "Clear") {

LocalWeatherDayFourDiv.addClass("far fa-sun fa-2x")

} else if (LocalWeatherDayFour === "Snow") {

LocalWeatherDayFourDiv.addClass("fas fa-snowflake fa-2x")

} else if (LocalWeatherDayFour === "Mist") {

LocalWeatherDayFourDiv.addClass("fas fa-cloud-rain fa-2x")

} else if (LocalWeatherDayFour === "Haze") {

LocalWeatherDayFourDiv.addClass("fas fa-smog fa-2x")

}

// Temperature

var localFDayFour = localStorage.getItem("dayFourFixedTemp")

var LocalDayFourTempDiv = $("<div>")

LocalDayFourTempDiv.text("Temp: " + localFDayFour + " �F").addClass("tempClass")

// Humidity

var LocalDayFourHumidity = localStorage.getItem("dayFourHumidity")

var LocalDayFourHumidityDiv = $("<div>")

LocalDayFourHumidityDiv.text("Humidity: " + LocalDayFourHumidity + "%").addClass("humidity")

// Appending to page

localDayFourDiv.append(LocalDayFourDateDiv, LocalWeatherDayFourDiv, LocalDayFourTempDiv, LocalDayFourHumidityDiv)

$("#dayFour").append(localDayFourDiv)

}

//For day five

var localDayFiveDiv = $("<div>")

if (localStorage.getItem("dayFiveDate") !== null && localStorage.getItem("dayFiveWeather") !== null && localStorage.getItem("dayFiveFixedTemp") !== null && localStorage.getItem("dayFiveHumidity") !== null) {

// Get Date

var localDayFiveDate = localStorage.getItem("dayFiveDate")

var LocalDayFiveDateDiv = $("<div>").addClass("head")

LocalDayFiveDateDiv.text(localDayFiveDate)

//Get weather

var LocalWeatherDayFive = localStorage.getItem("dayFiveWeather")

var LocalWeatherDayFiveDiv = $("<div>")

// If statement for weather

if (LocalWeatherDayFive === "Clouds") {

LocalWeatherDayFiveDiv.addClass("fas fa-cloud fa-2x")

} else if (LocalWeatherDayFive === "Rain") {

LocalWeatherDayFiveDiv.addClass("fas fa-cloud-rain fa-2x")

} else if (LocalWeatherDayFive === "Clear") {

LocalWeatherDayFiveDiv.addClass("far fa-sun fa-2x")

} else if (LocalWeatherDayFive === "Snow") {

LocalWeatherDayFiveDiv.addClass("fas fa-snowflake fa-2x")

} else if (LocalWeatherDayFive === "Mist") {

LocalWeatherDayFiveDiv.addClass("fas fa-cloud-rain fa-2x")

} else if (LocalWeatherDayFive === "Haze") {

LocalWeatherDayFiveDiv.addClass("fas fa-smog fa-2x")

}

// Temperature

var localFDayFive = localStorage.getItem("dayFiveFixedTemp")

var LocalDayFiveTempDiv = $("<div>")

LocalDayFiveTempDiv.text("Temp: " + localFDayFive + " �F").addClass("tempClass")

// Humidity

var LocalDayFiveHumidity = localStorage.getItem("dayFiveHumidity")

var LocalDayFiveHumidityDiv = $("<div>")

LocalDayFiveHumidityDiv.text("Humidity: " + LocalDayFiveHumidity + "%").addClass("humidity")

// Appending to page

localDayFiveDiv.append(LocalDayFiveDateDiv, LocalWeatherDayFiveDiv, LocalDayFiveTempDiv, LocalDayFiveHumidityDiv)

$("#dayFive").append(localDayFiveDiv)

}

}

//On button click call function callCity

$("#add-city").on("click", function () {

event.preventDefault()

//setting location

var location = $("#city-input").val().trim();

callCity(location)

})

//Main function of application

function callCity(location) {

//emptying day forecast div

$("#dayForecast").empty()

//making location input capitalized

var firstLetter = location.charAt(0).toUpperCase()

var restWord = location.slice(1)

let locationC = (firstLetter + restWord)

//pushing location to pastSearches array

pastSearches.push(locationC)

localStorage.setItem("pastSearches", pastSearches)

$(".list").empty()

// for loop for appending list items

for (i = 0; i < pastSearches.length; i++) {

let searchItem = $("<li>").attr("id", "listItem")

searchItem.text(pastSearches[i])

$(".list").prepend(searchItem)

}

//Api call for initial day

var APIKey = "20c488e0a9aff750eabd58301c43b3ce"

var queryURL = "https://api.openweathermap.org/data/2.5/weather?q=" + location + "&appid=" + APIKey;

$.ajax({

url: queryURL,

method: "GET"

}).then(function (response) {

var lat = response.coord.lat

var lon = response.coord.lon

//Api call for uv index

var APIKey = "20c488e0a9aff750eabd58301c43b3ce"

var queryURL = `https://api.openweathermap.org/data/2.5/uvi?appid=${APIKey}&lat=${lat}&lon=${lon}`

console.log(queryURL)

$.ajax({

url: queryURL,

method: "GET"

}).then(function (uVResponse) {

//creating initial div and city div , and setting their content to local storage

var weatherDiv = $("<div>")

var cityDiv = $("<div>").addClass("bigger")

var city = (response.name)

localStorage.setItem("InitialCity", city)

//creating span for font awesome emoji

var weather = (response.weather[0].main)

var weatherAnimation = $("<span>")

localStorage.setItem("initialWeather", weather)

// applying class to weather animation span

if (weather === "Clouds") {

weatherAnimation.addClass("fas fa-cloud fa-2x")

} else if (weather === "Rain") {

weatherAnimation.addClass("fas fa-cloud-rain fa-2x")

} else if (weather === "Clear") {

weatherAnimation.addClass("far fa-sun fa-2x")

} else if (weather === "Snow") {

weatherAnimation.addClass("fas fa-snowflake fa-2x")

} else if (weather === "Mist") {

weatherAnimation.addClass("fas fa-cloud-rain fa-2x")

} else if (weather === "Haze") {

weatherAnimation.addClass("fas fa-smog fa-2x")

}

cityDiv.text(city + " " + date + " ")

cityDiv.append(weatherAnimation)

//temperature

var k = (response.main.temp)

var f = (k - 273.5) \* 1.80 + 32

var tempDiv = $("<div>")

tempDiv.text("Temperature : " + f.toFixed(2) + "F").addClass("tempClass")

localStorage.setItem("initialTempFixed", f.toFixed(2))

// Humidity

var humidity = (response.main.humidity)

var humidityDiv = $("<div>")

humidityDiv.text("Humidity : " + humidity + " %").addClass("humidity")

localStorage.setItem("initialHumidity", humidity)

// Wind Speed

var windSpeed = (response.wind.speed)

var windSpeedDiv = $("<div>")

windSpeedDiv.text("Wind Speed : " + windSpeed + " MPH").addClass("windSpeed")

localStorage.setItem("initialWindSpeed", windSpeed)

//UV Index

var uvIndexDiv = $("<div>")

var uvIndex = uVResponse.value

uvIndexDiv.text("UV Index: ").addClass("UvIndex")

var uvIndexSpan = $("<span>")

uvIndexSpan.text(uvIndex)

uvIndexDiv.append(uvIndexSpan)

localStorage.setItem("initalUvIndex", uvIndex)

//Setting color for uv index span based on number value

if (uvIndex <= 3) {

uvIndexSpan.addClass("low")

} else if (uvIndex > 7.01) {

uvIndexSpan.addClass("high")

} else if (3.1 <= uvIndex <= 6.9) {

uvIndexSpan.addClass("medium")

}

//Appending to page

$(weatherDiv).append(cityDiv, tempDiv, humidityDiv, windSpeedDiv, uvIndexDiv)

$("#dayForecast").append(weatherDiv)

})

})

// 5 day api call

var APIKey = "20c488e0a9aff750eabd58301c43b3ce"

var queryURL = "https://api.openweathermap.org/data/2.5/forecast?q=" + location + "&appid=" + APIKey

console.log(queryURL)

$.ajax({

url: queryURL,

method: "GET"

}).then(function (response) {

// Emptying divs when new city is called

$("#nextDay").empty()

$("#dayTwo").empty()

$("#dayThree").empty()

$("#dayFour").empty()

$("#dayFive").empty()

//Next Day

var nextDayDiv = $("<div>")

//Date

var nextDayDate = moment().add(1, 'days').format("L")

localStorage.setItem("nextDayDate", nextDayDate)

var nextDayDateDiv = $("<div>").addClass("head")

nextDayDateDiv.text(nextDayDate)

//Set weather

var weatherNextDay = (response.list[4].weather[0].main)

localStorage.setItem("weatherNextDay", weatherNextDay)

var weatherNextDayDiv = $("<div>")

// If statement for weatherDiv

if (weatherNextDay === "Clouds") {

weatherNextDayDiv.addClass("fas fa-cloud fa-2x")

} else if (weatherNextDay === "Rain") {

weatherNextDayDiv.addClass("fas fa-cloud-rain fa-2x")

} else if (weatherNextDay === "Clear") {

weatherNextDayDiv.addClass("far fa-sun fa-2x")

} else if (weatherNextDay === "Snow") {

weatherNextDayDiv.addClass("fas fa-snowflake fa-2x")

} else if (weatherNextDay === "Mist") {

weatherNextDayDiv.addClass("fas fa-cloud-rain fa-2x")

} else if (weatherNextDay === "Haze") {

weatherNextDayDiv.addClass("fas fa-smog fa-2x")

}

// Temperature

var nextDayTempC = (response.list[4].main.temp)

var fNextDay = (nextDayTempC - 273.5) \* 1.80 + 32

localStorage.setItem("fNextDay", fNextDay.toFixed(2))

var nextDayTempCDiv = $("<div>")

nextDayTempCDiv.text("Temp: " + fNextDay.toFixed(2) + " �F").addClass("tempClass")

// Humidity

var nextDayHumidity = (response.list[4].main.humidity)

localStorage.setItem("nextDayHumidity", nextDayHumidity)

var nextDayHumidityDiv = $("<div>")

nextDayHumidityDiv.text("Humidity: " + nextDayHumidity + "%").addClass("humidity")

//Appending to page

nextDayDiv.append(nextDayDateDiv, weatherNextDayDiv, nextDayTempCDiv, nextDayHumidityDiv)

$("#nextDay").append(nextDayDiv)

// Day 2

var dayTwoDiv = $("<div>")

//Date

var dayTwoDate = moment().add(2, 'days').format("L")

var dayTwoDateDiv = $("<div>").addClass("head")

localStorage.setItem("dayTwoDate", dayTwoDate)

dayTwoDateDiv.text(dayTwoDate)

//Set weather

var dayTwoWeather = (response.list[12].weather[0].main)

var dayTwoWeatherDiv = $("<div>")

localStorage.setItem("dayTwoWeather", dayTwoWeather)

//If statement for weatherDiv

if (dayTwoWeather === "Clouds") {

dayTwoWeatherDiv.addClass("fas fa-cloud fa-2x")

} else if (dayTwoWeather === "Rain") {

dayTwoWeatherDiv.addClass("fas fa-cloud-rain fa-2x")

} else if (dayTwoWeather === "Clear") {

dayTwoWeatherDiv.addClass("far fa-sun fa-2x")

} else if (dayTwoWeather === "Snow") {

dayTwoWeatherDiv.addClass("fas fa-snowflake fa-2x")

} else if (dayTwoWeather === "Mist") {

dayTwoWeatherDiv.addClass("fas fa-cloud-rain fa-2x")

} else if (dayTwoWeather === "Haze") {

dayTwoWeatherDiv.addClass("fas fa-smog fa-2x")

}

// Temperature

var dayTwoTempC = (response.list[12].main.temp)

var fTwo = (dayTwoTempC - 273.5) \* 1.80 + 32

var dayTwoTempCDiv = $("<div>")

var dayTwoFixedTemp = fTwo.toFixed(2)

localStorage.setItem("dayTwoFixedTemp", dayTwoFixedTemp)

dayTwoTempCDiv.text("Temp: " + dayTwoFixedTemp + " �F").addClass("tempClass")

// Humidity

var dayTwoHumidity = (response.list[12].main.humidity)

var dayTwoHumidityDiv = $("<div>")

dayTwoHumidityDiv.text("Humidity: " + dayTwoHumidity + "%").addClass("humidity")

localStorage.setItem("dayTwoHumidity", dayTwoHumidity)

//Appending to page

dayTwoDiv.append(dayTwoDateDiv, dayTwoWeatherDiv, dayTwoTempCDiv, dayTwoHumidityDiv)

$("#dayTwo").append(dayTwoDiv)

// Day 3

var dayThreeDiv = $("<div>")

//Date

var dayThreeDate = moment().add(3, 'days').format("L")

var dayThreeDateDiv = $("<div>").addClass("head")

dayThreeDateDiv.text(dayThreeDate)

localStorage.setItem("dayThreeDate", dayThreeDate)

//Set weather

var dayThreeWeather = (response.list[20].weather[0].main)

var dayThreeWeatherDiv = $("<div>")

localStorage.setItem("dayThreeWeather", dayThreeWeather)

//If statement for weatherDiv

if (dayThreeWeather === "Clouds") {

dayThreeWeatherDiv.addClass("fas fa-cloud fa-2x")

} else if (dayThreeWeather === "Rain") {

dayThreeWeatherDiv.addClass("fas fa-cloud-rain fa-2x")

} else if (dayThreeWeather === "Clear") {

dayThreeWeatherDiv.addClass("far fa-sun fa-2x")

} else if (dayThreeWeather === "Snow") {

dayThreeWeatherDiv.addClass("fas fa-snowflake fa-2x")

} else if (dayThreeWeather === "Mist") {

dayThreeWeatherDiv.addClass("fas fa-cloud-rain fa-2x")

} else if (dayThreeWeather === "Haze") {

dayThreeWeatherDiv.addClass("fas fa-smog fa-2x")

}

// Temperature

var dayThreeTempC = (response.list[20].main.temp)

var fThree = (dayThreeTempC - 273.5) \* 1.80 + 32

var dayThreeTempCDiv = $("<div>")

dayThreeTempCDiv.text("Temp: " + fThree.toFixed(2) + " �F").addClass("tempClass")

localStorage.setItem("dayThreeTempFixed", fThree.toFixed(2))

// Humidity

var dayThreeHumidity = (response.list[20].main.humidity)

var dayThreeHumidityDiv = $("<div>")

dayThreeHumidityDiv.text("Humidity: " + dayThreeHumidity + "%").addClass("humidity")

localStorage.setItem("dayThreeHumidity", dayThreeHumidity)

//Appending to page

dayThreeDiv.append(dayThreeDateDiv, dayThreeWeatherDiv, dayThreeTempCDiv, dayThreeHumidityDiv)

$("#dayThree").append(dayThreeDiv)

// Day 4

var dayFourDiv = $("<div>")

//date

var dayFourDate = moment().add(4, 'days').format("L")

var dayFourDateDiv = $("<div>").addClass("head")

dayFourDateDiv.text(dayFourDate)

localStorage.setItem("dayFourDate", dayFourDate)

//Set weather

var dayFourWeather = (response.list[28].weather[0].main)

var dayFourWeatherDiv = $("<div>")

localStorage.setItem("dayFourWeather", dayFourWeather)

// If statement for weatherDiv

if (dayFourWeather === "Clouds") {

dayFourWeatherDiv.addClass("fas fa-cloud fa-2x fa-2x")

} else if (dayFourWeather === "Rain") {

dayFourWeatherDiv.addClass("fas fa-cloud-rain fa-2x fa-2x")

} else if (dayFourWeather === "Clear") {

dayFourWeatherDiv.addClass("far fa-sun fa-2x fa-2x")

} else if (dayFourWeather === "Snow") {

dayFourWeatherDiv.addClass("fas fa-snowflake fa-2x fa-2x")

} else if (dayFourWeather === "Mist") {

dayFourWeatherDiv.addClass("fas fa-cloud-rain fa-2x")

} else if (dayFourWeather === "Haze") {

dayFourWeatherDiv.addClass("fas fa-smog fa-2x")

}

// Temperature

var dayFourTempC = (response.list[28].main.temp)

var fFour = (dayFourTempC - 273.5) \* 1.80 + 32

var dayFourTempCDiv = $("<div>")

dayFourTempCDiv.text("Temp: " + fFour.toFixed(2) + " �F").addClass("tempClass")

localStorage.setItem("dayFourFixedTemp", fFour.toFixed(2))

// Humidity

var dayFourHumidity = (response.list[28].main.humidity)

var dayFourHumidityDiv = $("<div>")

dayFourHumidityDiv.text("Humidity: " + dayFourHumidity + "%").addClass("humidity")

localStorage.setItem("dayFourHumidity", dayFourHumidity)

// Appending to page

dayFourDiv.append(dayFourDateDiv, dayFourWeatherDiv, dayFourTempCDiv, dayFourHumidityDiv)

$("#dayFour").append(dayFourDiv)

// Day 5

var dayFiveDiv = $("<div>")

//date

var dayFiveDate = moment().add(5, 'days').format("L")

var dayFiveDateDiv = $("<div>").addClass("head")

dayFiveDateDiv.text(dayFiveDate)

localStorage.setItem("dayFiveDate", dayFiveDate)

//Set weather

var dayFiveWeather = (response.list[36].weather[0].main)

var dayFiveWeatherDiv = $("<div>")

localStorage.setItem("dayFiveWeather", dayFiveWeather)

//If Statement for Weather

if (dayFiveWeather === "Clouds") {

dayFiveWeatherDiv.addClass("fas fa-cloud fa-2x")

} else if (dayFiveWeather === "Rain") {

dayFiveWeatherDiv.addClass("fas fa-cloud-rain fa-2x")

} else if (dayFiveWeather === "Clear") {

dayFiveWeatherDiv.addClass("far fa-sun fa-2x")

} else if (dayFiveWeather === "Snow") {

dayFiveWeatherDiv.addClass("fas fa-snowflake fa-2x")

} else if (dayFiveWeather === "Mist") {

dayFiveWeatherDiv.addClass("fas fa-cloud-rain fa-2x")

} else if (dayFiveWeather === "Haze") {

dayFiveWeatherDiv.addClass("fas fa-smog fa-2x")

}

// Temperature

var dayFiveTempC = (response.list[36].main.temp)

var fFive = (dayFiveTempC - 273.5) \* 1.80 + 32

var dayFiveTempCDiv = $("<div>")

dayFiveTempCDiv.text("Temp: " + fFive.toFixed(2) + " �F").addClass("tempClass")

localStorage.setItem("dayFiveFixedTemp", fFive.toFixed(2))

// Humidity

var dayFiveHumidity = (response.list[36].main.humidity)

var dayFiveHumidityDiv = $("<div>")

dayFiveHumidityDiv.text("Humidity: " + dayFiveHumidity + "%").addClass("humidity")

localStorage.setItem("dayFiveHumidity", dayFiveHumidity)

//Appending to page

dayFiveDiv.append(dayFiveDateDiv, dayFiveWeatherDiv, dayFiveTempCDiv, dayFiveHumidityDiv)

$("#dayFive").append(dayFiveDiv)

})

}

// On click event for list

$(document).on("click","li", function () {

event.preventDefault()

console.log("clicked")

var listLocation = $(this).text()

console.log("TCL: listLocation", listLocation)

let location = listLocation

callCity(location)

})