jQuery succeeded in changing the JavaScript language. Some of the commands and techniques introduced by jQuery were eventually adopted in some form into the standard JavaScript language. Research what some equivalent jQuery statements are in standard JavaScript. Briefly give an example of three of these adoptions.

Jquery was created in order to make it easier and more simple to write JavaScript and HTML. Jquery was created almost 20 years ago, now that vanilla JavaScript has had time to catch up, here are a few comparisons of commands between the two.

**1. Selecting Elements:**

jQuery:

$('.my-class')

JavaScript:

document.querySelectorAll('.my-class')

Here the jQuery statement selects all elements within the class stated, JavaScript achieves the same result by using the querySelectAll method.

**2. Event Handling:**

jQuery:

$('.my-button').on('click', function() { ... })

JavaScript:

document.querySelector('.my-button').addEventListener('click', function() { ... })

Here the jQuery statement adds a click handler to all elements within the my button class. JavaScript achieves this by using the addEventListener method.

**3. AJAX Requests:**

jQuery:

$.ajax({

url: 'https://api.example.com/data',

method: 'GET',

success: function(response) {

// Handle the response

},

error: function(error) {

// Handle the error

}

});

JavaScript:

fetch('https://api.example.com/data')

.then(function(response) {

if (response.ok) {

return response.json();

} else {

throw new Error('Network response was not ok.');

}

})

.then(function(data) {

// Handle the data

})

.catch(function(error) {

// Handle the error

});

In jQuery the AJAX request is replaced by the fetch API in JavaScript. The fetch then returns a statement that can be added with .then() and .catch() methods to handle response and errors. We learned about this in topic 4 and was interesting to implement.

References:

Cheat sheet for moving from jQuery to vanilla JavaScript. (n.d.). https://tobiasahlin.com/blog/move-from-jquery-to-vanilla-javascript/

Guo, D. (2020, May 28). The history and legacy of jQuery - LogRocket Blog. LogRocket Blog. https://blog.logrocket.com/the-history-and-legacy-of-jquery/