

1. In JQuery, what does it mean to "traverse the DOM"?

In JQuery "traverse the DOM" means once a user has selected an element or elements on a web page, the user is able to move through or traverse through page elements relative to their initial selection. JQuery provides a variety of methods that allow us to traverse the DOM. A few that I will go over is the `children()` method fetches all the immediate children of a specified element, this method only traverses one level down the DOM tree. The `each()` method specifies a function to be executed for each of the specified elements. The `find()` method finds all the successors of an element. Successors of an element include; children, grandchildren, great-grandchildren, and so forth.

<https://www.scaler.com/topics/jquery/traversing-dom-using-jquery/>

https://www.w3schools.com/jquery/jquery_traversing.asp

2. What is your favorite thing you learned this week?

My favorite thing I learned this week was ajax. I learned that ajax is extremely helpful when a user is looking to improve the performance and usability for a web app they've created. I personally saw the benefits of using ajax myself when completing my assignment and it definitely made my application more user friendly. As I've mentioned before I love anything that can cut down my code and make it better so I enjoyed using ajax throughout my project. There were a lot of pros and cons to ajax as there are with anything, but a specific pro that was helpful to me were the simple methods that could be used since I am still learning!

<https://www.youtube.com/watch?v=OP98FGdhnBY>

<https://www.mageplaza.com/blog/advantages-and-disadvantages-of-ajax.html>