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ITMD 562

Week 5 Lab

Graduate Students (ITMD-562) ONLY:

We talked about looping in JavaScript in week 4. Why is it considered better if you use the “for loop” with a numeric index or a “for-of loop” if you’re iterating over an array where the index order is important instead of the “for-in loop”?

If you’re iterating over an array where the index order is important, is considered to be better to use a for loop with numeric indexing or a for-of loop instead of a for-in loop. The for loop iterates through the code for a certain number of times. A for-of loop loops through the values in an indices object like an array or string. A for-in loop loops through elements of an object. The for-in loop iterates over the object keys as opposed to indices while for loops with numerical indices and for-of loops both use numerical indices while iterating. Therefore, since for-in loops do not use numerical indexing, it is better to not use that type of loop when index order is important.