**W03 Notes**

**this.**

<https://javascript.info/object-methods>

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You must use this. Within an object.

At work, when I work with the AWD object, I can maybe just declare my functions as methods of the object and use this. Rather than passing in the object id as a parameter.

**JavaScript Novice to Ninja, Chapter 5, Objects**

*Object Literals*

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*Shorthand*

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*Looping through all of the properties of an object*

Text

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You can also just get the keys:

A picture containing text

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Or the values using Object.values()

*Nested Objects*

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*Regular Expressions*

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You can create a reg expression using user input, like so:

Text

Description automatically generated with medium confidence

You can use test() to see if a string matches the pattern. Take this pattern, for example that searches for a word ending in ing:

A picture containing logo

Description automatically generated

Graphical user interface, text, application, chat or text message

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Graphical user interface, text, application

Description automatically generated with medium confidence

Application, Teams

Description automatically generated with medium confidence

Graphical user interface, text, application

Description automatically generated

Text, application

Description automatically generated with medium confidence

Graphical user interface, text, application, email

Description automatically generated

Text

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Text

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Graphical user interface, text, application, Teams

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***Chapter 6, the document object model (DOM)***

* The DOM is language agnostic. It can be used with any language.
* The DOM stores any whitespace as text nodes.
* Using className overwrites previous classes. You can use classList instead.

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Idea! I can use the DOM to insert Style tags into an html document. That way, I can add CSS Pseudo classes to HTML pages using JavaScript. This site shows how this is done: <https://www.geeksforgeeks.org/how-to-create-a-style-tag-using-javascript/>

It is better practice, however, just to use JavaScript to manipulate the classes, and then to add a separate stylesheet, which would likely work in my situation as well.

**Chapter 7, Events**

Text

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Good practice is to keep the JavaScript out of the HTML markup.

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Description automatically generated

Text, letter

Description automatically generated

Text, letter

Description automatically generated

Something cool to do would be to have the user click on a button or icon, and then click on anywhere in the page to create an element there. This could simulate dragging and dropping elements onto a webpage.

**Questions and answers**

*What is the difference between == and ===?*

*How do you store JSON into LocalStorage?*