

Week 1 Glossary

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C

Class

The class keyword in JavaScript was added in ES6. The concept of a class is common across many programming languages, and means something quite different from the class keyword in CSS/HTML. In programming languages, classes are templates for objects. Using a class, you can create the same object over and over again easily.

- [MDN - Classes](#)

Class Inheritance

Classes in JavaScript can be inherited using the **extends** keyword. The child class inherits the properties and methods of the parent class. This allows code to be reused for multiple classes.

- [JavaScript.info - Class inheritance](#)

F

Filter

The array method **filter** iterates over every item in an array and returns a new array composed of items that returned **true** from a filtering condition in a callback method applied to each array item.

- [MDN - Array.filter\(\)](#)

M

Map

A JavaScript array method that iterates over every item within an array and returns a new array that consists of each item with a callback function applied to it.

- [MDN - Array.map\(\)](#)

Method

A METHOD in Javascript is essentially a function that is stored as an object property. To perform this function, the method has to be called using the proper javascript syntax: `objectName.methodName()`

Method Chaining

Method Chaining, refers to repeatedly calling one **method** after another on an object, in one continuous line of code. The chaining is done by using "dot" notation, in other words, placing a period directly after one method is written and then continuing with the next method and so on.

O

Object

The only non-primitive data type in JavaScript. An Object can be considered more of a collection of data than a singular data type, consisting of properties and methods, which can be thought of as variables and functions that belong to the object. Objects are central to the paradigm of Object-Oriented Programming, and the concept is not unique to JavaScript.

- [MDN - JavaScript object basics](#)

R

Reduce

The array method **reduce** iterates over each item in an array while maintaining an accumulator variable that changes at each iteration depending on a given callback function and at the end, returns the accumulator variable.

- [MDN - Reduce](#)

T

This

The JavaScript keyword **this** refers to the object it is inside. This allows you to accomplish various tasks, such as returning **this** from a class method definition in order to be able to chain methods.

- [W3Schools - this](#)

