[Naming conventions for modern JavaScript](http://teejayvanslyke.com/naming-conventions-for-modern-javascript.html)

Standards are always needed for formatting and styling JavaScript code. Standards include rules for naming and declaring variables and methods, rules for white space, indentation and comments. There are three main types of JavaScript files:

* Collections of functions
* Single functions
* Classes

Variables should be declared during initialization. Avoid global variables because they can be overwritten by other functions. Unwanted re-declarations should be reduced. Number, string and boolean should be treated as primitive values not as objects because if a number is treated as an object, then the execution speed will be reduced. Assign values to arguments in function because undefined values can break the code. Always end switch statements with default statements.

* Class name should be noun.
* Function name should be verb.
* Hyphens are not allowed in names.
* In JavaScript camel case is followed in naming.
* File names in most web servers are case sensitive. So always use lower case for saving a file.
* Whitespace at the end of the line or in a blank line should be avoided.
* No spaces should be provided in empty constructs.
* Class name should be upper camel case.
* Camel case is used for identifier names.
* Around operators and after comma spacing should be provided.
* Use two spaces for indentation of code blocks.
* Tabs should be used for indentation.
* Always end the statement using semicolon.
* For complex statements use brackets.
* Avoid longer lines with more than 80 characters to improve readability.
* Add line breaks in complex statements for better readability.
* All global values should be declared or documented at the top of the file.

**Object Rules**

General rules for object definitions:

* Place the opening bracket on the same line as the object name.
* Use colon plus one space between each property and its value.
* Use quotes around string values, not around numeric values.
* Do not add a comma after the last property-value pair.
* Place the closing bracket on a new line, without leading spaces.
* Always end an object definition with a semicolon.