Java Script cheat sheet

This is a short list of some important Java Script concepts that I used in my code.

Types of Values

* Numbers which are things like 1 and 2.5
* Strings which are things like “apple”
* Booleans which can only be true or false

Comments

// is used for single line comments

/\*

\*/

Is used for multiline comments

Variable types

These are optional types you can add to a variable

* Var which sets scope for a variable.
* Let allows you to reassign a variable but not redeclare.
* Const which prevents you from changing the variable

Operators

* + which is arithmetic addition or string concatenation
* - which is arithmetic subtraction
* \* which is arithmetic multiplication
* / which is arithmetic division
* % which returns the remainder of arithmetic division
* < which checks if the value on the left is smaller and returns a Boolean
* <= which checks for less than or equal tp
* > which checks for grater
* >= which checks for greater or equal to
* == which checks for equivalence of value
* === which checks for equivalence of value and type
* != checks that values are not quivalent
* && which checks if both are true
* || which checks if one is true
* ++ increments value by 1

Arrays

* Declaration

NumArray = []

* Methods

NumArray.push(9)

Adds 9 to the end of the array

Functions

Function functionName(parameter1, parameter2){

// lines of code

// possible return

}

Printing to screen

Console.log(“Message”)

Loops

For loop

For(initilization; condition; incrementation or decrementation ){

// lines of code

}

While loop

While(condition) {

// lines of code

// change in condition

}

If Else statements

If (condition) {

// lines of code

} else if (condition) {

// lines of code

} else {

// lines of code

}

String methods

.toLowecase

Makes all characters in the string lowercase

Dictionary

Initilization

Dict = {}

Access

Dict[key]

Set value

Dict[key] = value

Bibliography

* Haverbeke, M. (2018). Eloquent JavaScript3rd EDITION (2018). Retrieved April 15, 2021, from <https://eloquentjavascript.net/index.html>

This is a great free online book about Java Script. It is extensive and has coding problems as well. Also, it has actual code and solutions to the coding problems.

* Schäferhoff, N. (2020, September 3). JavaScript cheat sheet for 2021 (.PDF Version Included). Retrieved April 15, 2021, from <https://websitesetup.org/javascript-cheat-sheet/>

This is a great cheat sheet of some important Java Script concepts. While it does not have everything It is great for a starting to work on Java Script.

* Schäferhoff, N. (2020, September 3). JavaScript cheat sheet for 2021 (.PDF Version Included). Retrieved April 15, 2021, from <https://websitesetup.org/javascript-cheat-sheet/>

This is a great resource for finding information about the different methods and data structures Java Script has.

Extra Resources

<https://replit.com/>

This is an online IDE that can be used to practice Java Script using the Node JS environment.

<https://www.w3schools.com/js/DEFAULT.asp>

<https://www.learn-js.org/en/Objects>

<https://learnxinyminutes.com/docs/javascript/>

<https://overapi.com/javascript>

<https://htmlcheatsheet.com/js/>

<https://www.codecademy.com/learn/introduction-to-javascript/modules/learn-javascript-introduction/cheatsheet>

These are some other online resources that one may find helpful.

I skimmed over them but found the other resources that I cited to be sufficient.