

Front-end development course

JavaScript

Lecture #3

More on Types



Numbers

Full list of Number method can be found here https://developer.mozilla.org/ru/docs/Web/JavaScript/Reference/Global_Objects/Number

Math object contains useful properties and function to work with mathematical operations. Full list here

https://developer.mozilla.org/ru/docs/Web/JavaScript/Reference/Global_Objects/Mat h



Strings

Strings are immutable.

Full list of "control characters" and string methods are here https://developer.mozilla.org/ru/docs/Web/JavaScript/Reference/Global_Objects/String



Boolean

Falsy https://developer.mozilla.org/ru/docs/Glossary/Falsy and Truthy https://developer.mozilla.org/ru/docs/Glossary/Truthy values



null and undefined

Good article on that topic

https://frontender.info/exploring-the-abyss-of-null-and-undefined-in-javascript



Type conversion

There are only 3 types of conversions:

- to string conversion is done where js expect string or can be done explicitly by using String() or binary '+' with string.
- to number conversion take place in math operations and when comparing values with different types, can be done explicitly with Number wrapper or unary '-'
- to boolean conversion done in logic context like "if (value)" or with logical operators, can be done explicitly with !! or Boolean()

Equality table can be found **here**

Good article on that theme http://bonsaiden.github.io/JavaScript-Garden/#types.casting



Control flow

Control flow can be done with:

- if/else
- ternary operator
- switch/case



Loops

Useful link about loops

https://developer.mozilla.org/en-US/docs/Web/JavaScript/Guide/Loops_and_iteration



Arrays

Useful link about arrays

https://developer.mozilla.org/ru/docs/Web/JavaScript/Reference/Global_Objects/Array



Q&A

Thank You

