

① Seven (7) Types

Six Primitive Types

1. String
"Any text"
2. Number
123.45
3. Boolean
true or false
4. Null
null
5. Undefined
undefined
6. Symbol
Symbol('something')

7. Object
 - Array
[1, "text", false]
 - Function
function name() { }

② Basic Vocabulary

Variable

A named reference to a value is a variable.

Operator

Operators are reserved-words that perform action on values and variables. Examples: + - = * in === typeof != ...

```
var a = 7 + "2";
```

Statement

A group of words, numbers and operators that **do a task** is a statement.

Note: var, let & const are all valid keywords to declare variables. The difference between them is covered on page 7 of this cheatsheet.

Keyword / reserved word

Any word that is part of the vocabulary of the programming language is called a keyword (a.k.a reserved word). Examples: var = + if for...

Expression

A reference, value or a group of reference(s) and value(s) combined with operator(s), **which result in a single value.**

③ Object

An object is a data type in JavaScript that is used to store a combination of data in a simple key-value pair. That's it.

Key

These are the keys in `user` object.

```
var user = {  
  name: "Aziz Ali",  
  yearOfBirth: 1988,  
  calculateAge: function(){  
    // some code to calculate age  
  }  
}
```

Value

These are the values of the respective keys in `user` object.

Method

If a key has a function as a value, it's called a method.