

History of Javascript

History:- In 1995, A Netscape (browser) programmer named Brandan Eich developed a scripting language in just 10 days.

Originally name (first name):- Mocha

Second name :- LiveScript

At that time java is famous programming language. So, for marketing purpose LiveScript changed into javascript.

* Java and Javascript both are different programming language nothing is common.

Mocha → LiveScript → JavaScript

In 1997, there is another famous browser that was Internet Explorer (Microsoft browser).

Then, Microsoft copied javascript features made own language named as Jscript.

In Browser war (Netscape vs internet explorer)

Netscape → JavaScript

Internet Explorer → Jscript

EcmaScript is born....

Ecma International :- Ecma international is an industry association founded in 1996, dedicated to the standardization of information and communication systems.

JavaScript + Ecma → **Ecmascript**.
(Rules)

Problem solved :- We can implement scripting language for different browser. ^{→ same}

First Ecmascript.

ES1 → 1997

ES5 → 2009 (Lots of new features)

ES6 (ES2015) → 2015 (Biggest update for JS)

ES6 is also known as Modern JavaScript

Ecma have a technical community known as Tc39 had decided that after 2015 we release javascript with new features every year (**Annual release**).

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JavaScript Features.

Features:-

Case sensitive

Dynamically typed

Cross-platform

Interpreted

Object-oriented Scripting language

Backward compatible

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JavaScript variables

Variables:- Variables stores the data which can be changed or used when we need.

There are there *keywords to declare a variable.

Keywords are the predefined words in programming languages.

- var var name = 10;
- let let name = 10;
- const const pi = 3.14;

Datatype in JavaScript

There are two types of Data

1. Primitive
2. Non-primitive.

Primitive datatypes are :-

- Number
- Null
- String
- Bool
- Undefined
- BigInt
- Symbol

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Non-Primitive datatypes are:-

- Array
- Object
- RegExp.

JavaScript Hacks

1. Convert string to number.

Put the pulse (+) before the string

For Example:-

```
let str = "9";
```

```
console.log(typeof(+str));
```

2. Convert number into string

Add a empty string with the number

For Example:-

```
let num = 10;
```

```
console.log(typeof(num + ""));
```

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