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JavaScript Tutorial

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Next ❯

JavaScript is the world's most popular programming language.

JavaScript is the programming language of the Web.

JavaScript is easy to learn.

This tutorial will teach you JavaScript from basic to advanced.

Start learning JavaScript now ❯

Examples in Each Chapter

With our "Try It Yourself" editor, you can edit the source code and view the result.

Example

My First JavaScript

Click me to display Date and Time

Try it Yourself ❯

Use the Menu

We recommend reading this tutorial, in the sequence listed in the menu.

If you have a large screen, the menu will always be present on the left.

If you have a small screen, open the menu by clicking the top menu sign ☰.

Learn by Examples

Examples are better than 1000 words. Examples are often easier to understand than text explanations.

This tutorial supplements all explanations with clarifying "Try It Yourself" examples.

If you try all the examples, you will learn a lot about JavaScript, in a very short time!

JavaScript Examples ❯

Why Study JavaScript?

JavaScript is one of the **3 languages** all web developers **must** learn:

1. **HTML** to define the content of web pages
2. **CSS** to specify the layout of web pages
3. **JavaScript** to program the behavior of web pages

This tutorial covers every version of JavaScript:

- The Original JavaScript ES1 ES2 ES3 (1997-1999)
- The First Main Revision ES5 (2009)
- The Second Revision ES6 (2015)
- The Yearly Additions (2016, 2017, 2018)

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Learning Speed

In this tutorial, the learning speed is your choice.

Everything is up to you.

If you are struggling, take a break, or re-read the material.

Always make sure you understand **all** the "Try-it-Yourself" examples.

The only way to become a clever programmer is to: Practice. Practice. Practice. Code. Code. Code !

Test Yourself With Exercises

Exercise:

Create a variable called `carName` and assign the value `Volvo` to it.

```
var      = "    ";
```

Submit Answer ❯

Start the Exercise

Commonly Asked Questions

- How do I get JavaScript?
- Where can I download JavaScript?
- Is JavaScript Free?

You don't have to get or download JavaScript.

JavaScript is already running in your browser on your computer, on your tablet, and on your smart-phone.

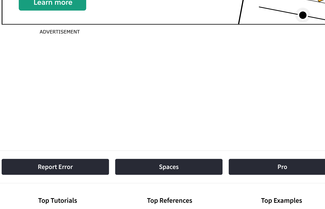
JavaScript is free to use for everyone.

My Learning

Track your progress with the free "My Learning" program here at W3Schools.

Log into your account, and start earning points!

This is an optional feature, you can study W3Schools without using My Learning.



JavaScript References

W3Schools maintains a complete JavaScript reference, including all HTML and browser objects.

The reference contains examples for all properties, methods and events, and is continuously updated according to the latest web standards.

Complete JavaScript Reference ❯

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