



# JavaScript Fundamentals

## Short recap day 1

# Open Standard



# Mostly...



# JavaScript in the browser

Presentation  
based on:

HTML  
(*structure*)

CSS  
(*presentation*)

JavaScript/DOM  
(*behavior*)



# Tooling – what do you need?

**Editor** – Visual Studio Code

**Browser** – Google Chrome

**Debugger** – Chrome Developer Tools

JavaScript **Knowledge** – your toolbox



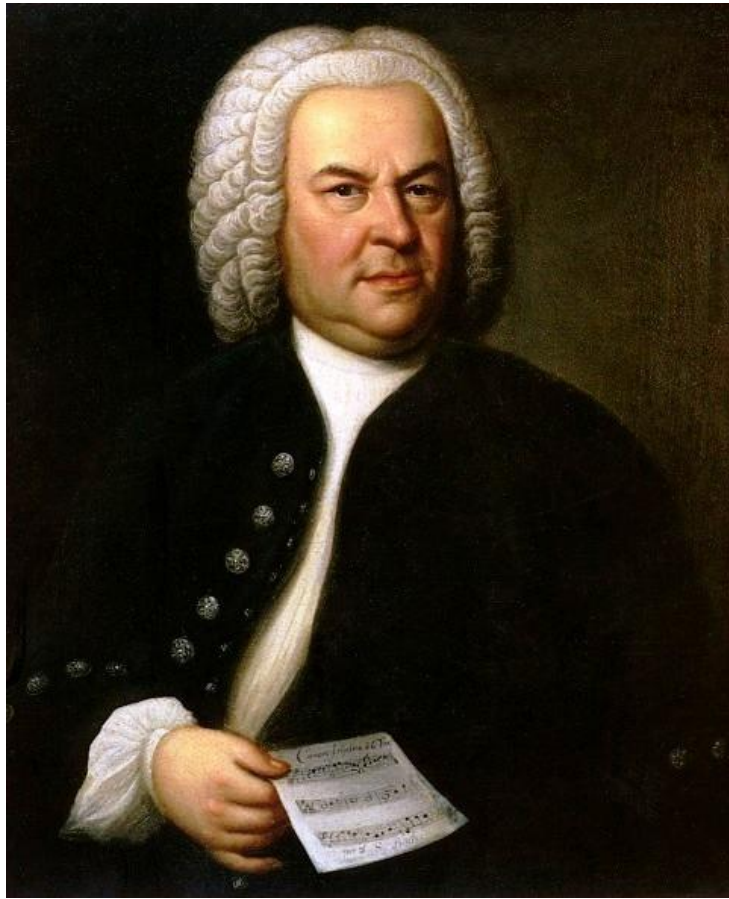
# JavaScript:



Ook JavaScript...









# JavaScript tools

- **Syntax** – case sensitive, brackets, parenthesis, curly braces
- **Variabelen** (`var`, `let`, `const`)
  - numbers, strings, booleans
- `console.log()`, `document.getElementById(...)`
- JavaScript **functions**: `alert()`, `prompt()`, `Math...`
- Operators, `+`, `-`, `===` etc.
- `if ( ... ) { ... } else { ... }`



# More topics

- Complex variables

- Functions :

- `function someName() { ... }`

- Arrays:

- Collections of values

- `[ ... ]`

- Objects:

- Collections of name/value-pairs (“super”variables)

- `{ ... }`

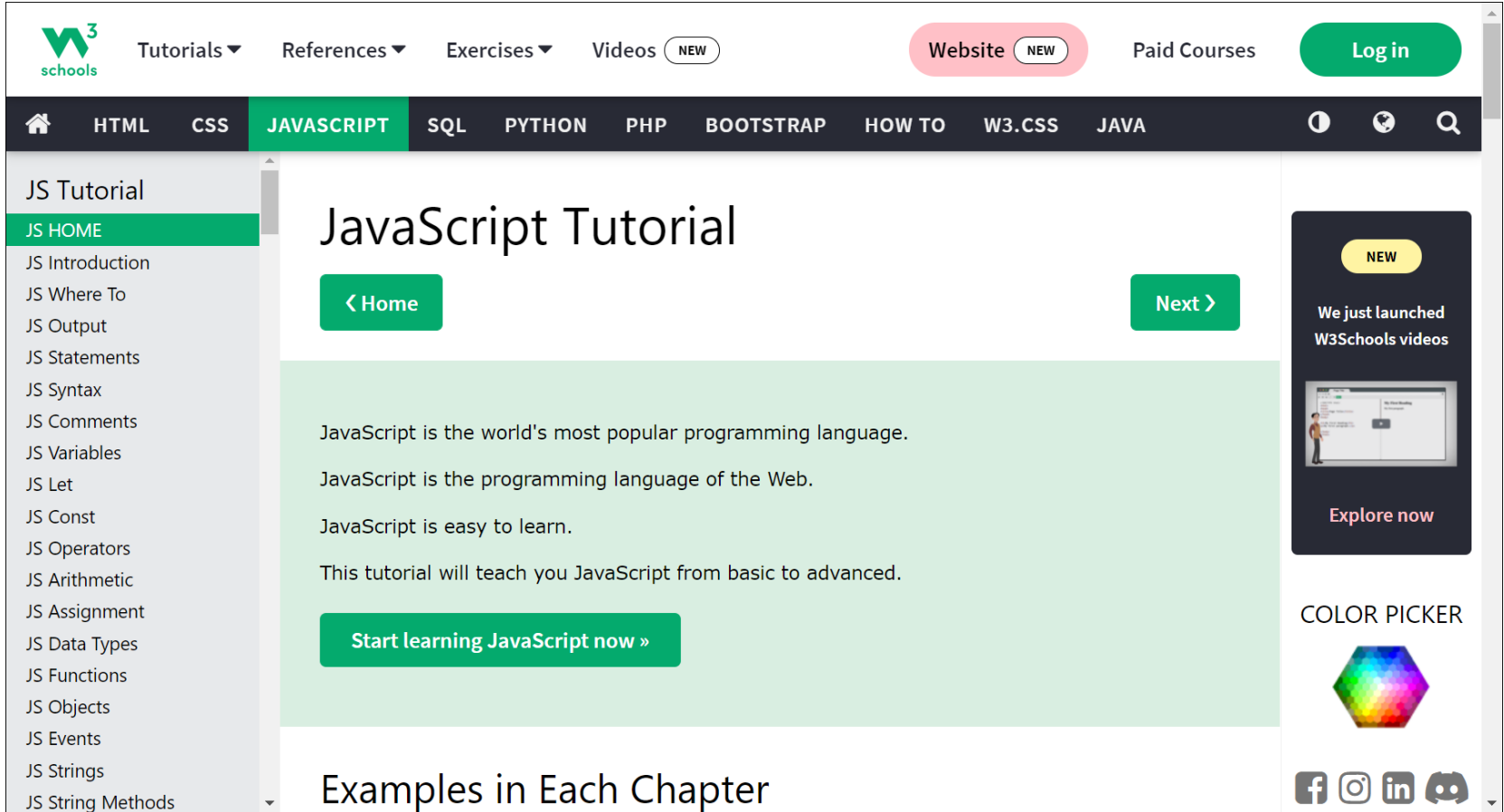
Questions?

Tip

*“Don’t try to learn and employ everything  
directly in your situation in one day!*

*Give yourself time to fill your JavaScript  
toolbox with knowledge. Then adopt it in  
your situation”*

# JavaScript Online



The screenshot shows the W3Schools website with the JavaScript Tutorial page selected. The top navigation bar includes links for Tutorials, References, Exercises, Videos, Website, Paid Courses, and a Log in button. The main navigation bar lists various technologies, with JAVASCRIPT highlighted. A left sidebar contains a list of JavaScript topics, with JS HOME selected. The main content area features the title 'JavaScript Tutorial', navigation buttons for Home and Next, and introductory text about JavaScript. A large green button prompts users to start learning. A right sidebar contains a 'NEW' announcement about videos and a 'COLOR PICKER' tool. Social media icons are at the bottom right.

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HTML CSS **JAVASCRIPT** SQL PYTHON PHP BOOTSTRAP HOW TO W3.CSS JAVA

JS Tutorial

**JS HOME**

JS Introduction

JS Where To

JS Output

JS Statements

JS Syntax

JS Comments

JS Variables

JS Let

JS Const

JS Operators

JS Arithmetic

JS Assignment

JS Data Types

JS Functions

JS Objects

JS Events

JS Strings

JS String Methods

## JavaScript Tutorial

[< Home](#)

[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 »](#)

**NEW**

We just launched W3Schools videos

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Examples in Each Chapter

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

# Today – day 2

- Your Workshops...
- Document Object Model (**DOM**),
- **Event** model
- JavaScript in **http**
  - **XHR (Old)**
  - **fetch()**