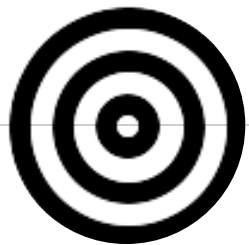


Web Cartography

More JavaScript





Goals

Learn the basics of **JavaScript**.

</> Exercise

```
let sentence = "I'm a 1000 years old";
```

- turn sentence into an **array**
- find the only **numeric** item (don't use array indices)
- **subtract** any number you want from the item found
- turn the array back to a **string**

</> Logical operators

```
let age = 20;
```

```
let isMale = true;
```

```
let isAdultMale = age > 18 && isMale;
```

```
let isAdultOrFemale = age > 18 || !isMale;
```

BOM

Collection of objects accessible inside any browser window

Browser dependent

Most important (to us): **window**, **document** (DOM)

DOM

<https://devdocs.io/dom/document>

Interface representing any web page loaded in the browser

Functionality **global** to the document



Exercise

Count all the **<div>**s in the web page you've made

Find one element by its **ID** and try to change its color

Choose a part of your web page and **remove** it from DOM

Create a new **DOM Element** and append it to the <body>

Events

https://devdocs.io/dom_events/

Notify code that something has happened

</> Events

```
const form = document.getElementById("login");  
form.addEventListener("submit", function(e) {  
    alert("The form was submitted!");  
});
```



Exercise

Try to console.log all the values **submitted** by your <form>

Try to write something to an empty input/**append** to the <body>



Tasks

Add interaction to your **<form>**



Tips

JavaScript Intro at <https://javascript.info>



Feel free to ask

anytime, anywhere, anyhow

zimmicz@gmail.com

357484@mail.muni.cz

@zimmicz