

# HTML and CSS Fundamentals

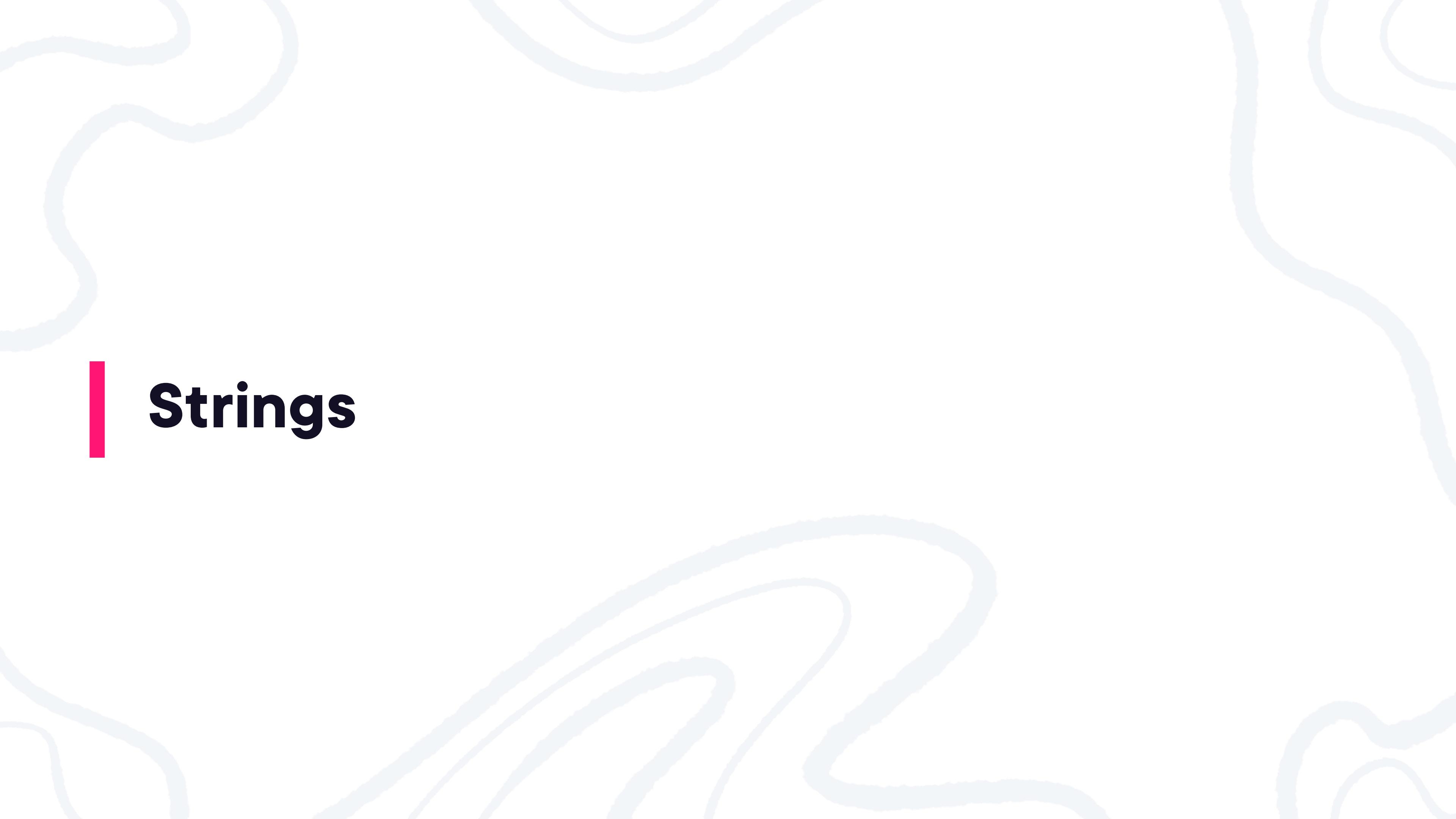
Work with JavaScript



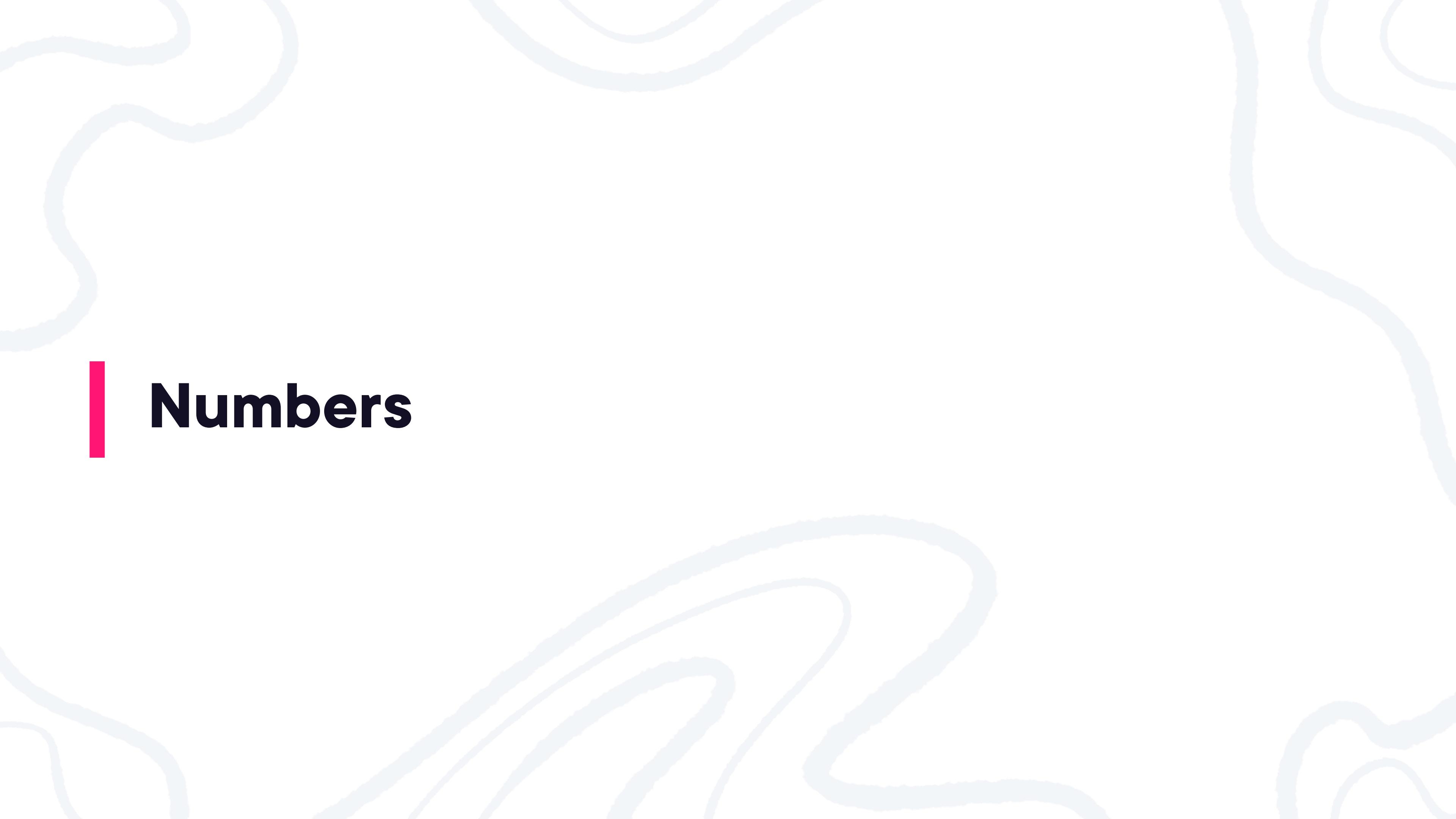
**Craig Shoemaker**

Senior Web Developer

@craigshoemaker | [craigshoemaker.net](http://craigshoemaker.net)



# Strings



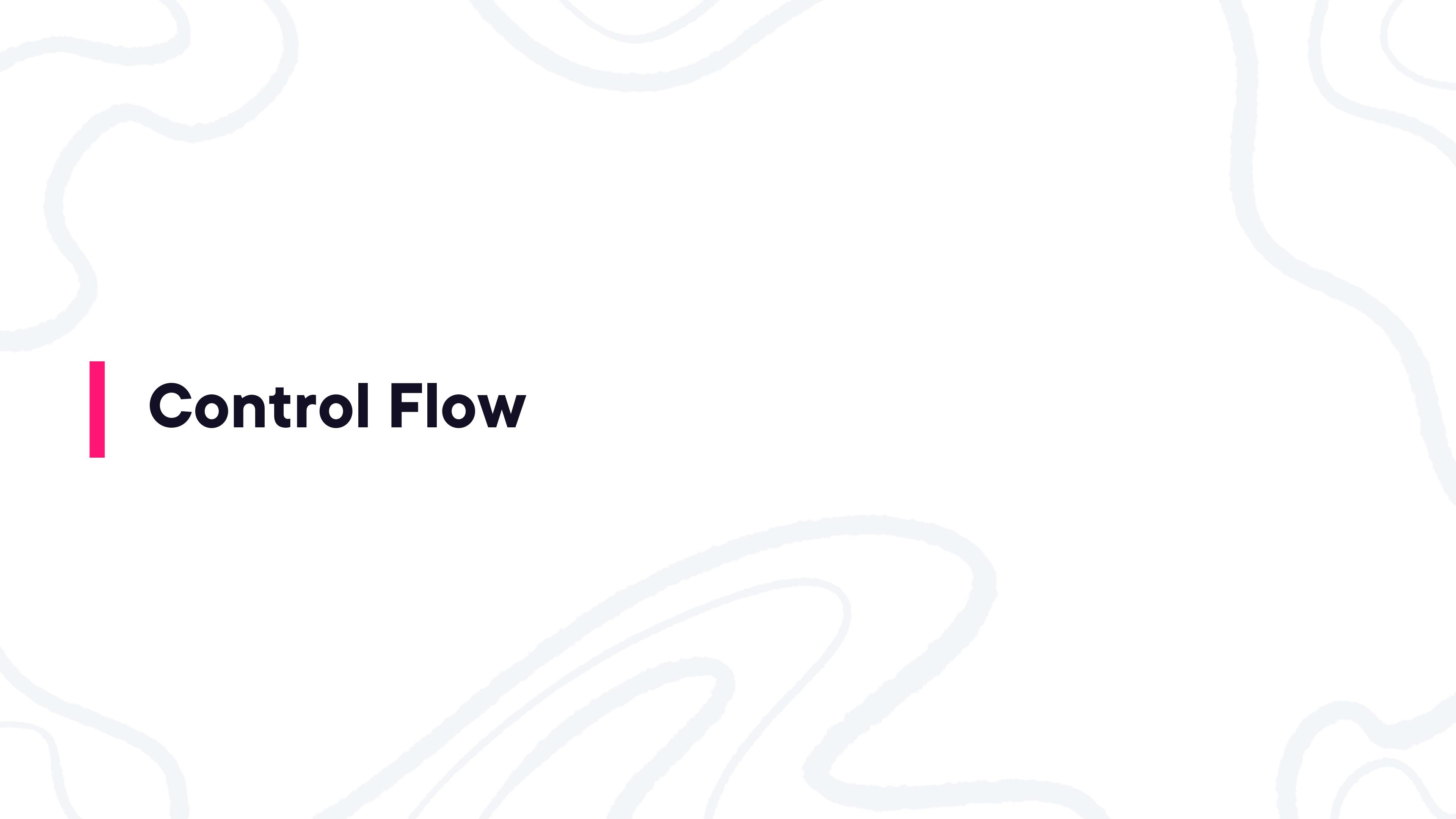
# Numbers



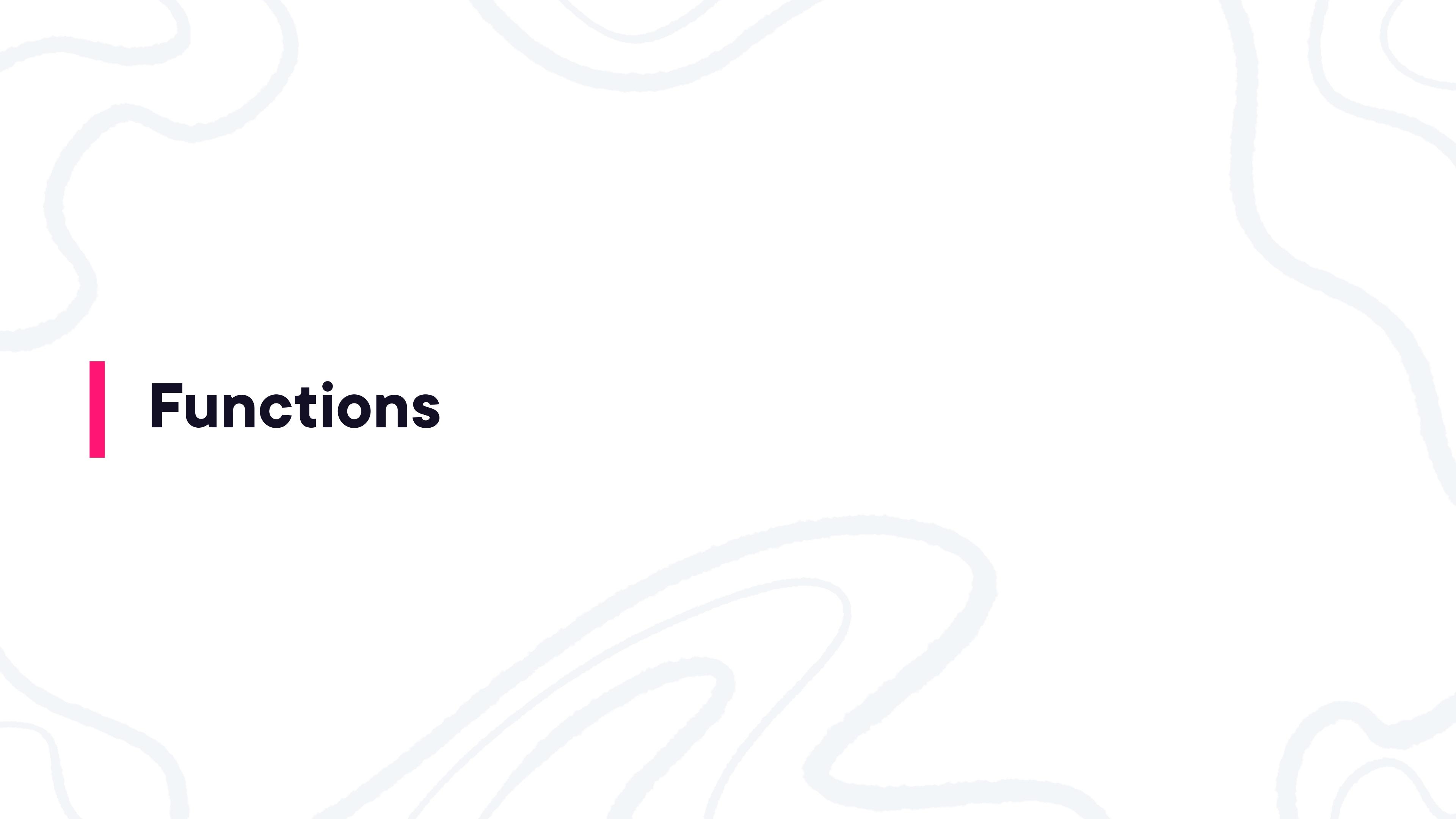
# Variables



# Operators



# Control Flow

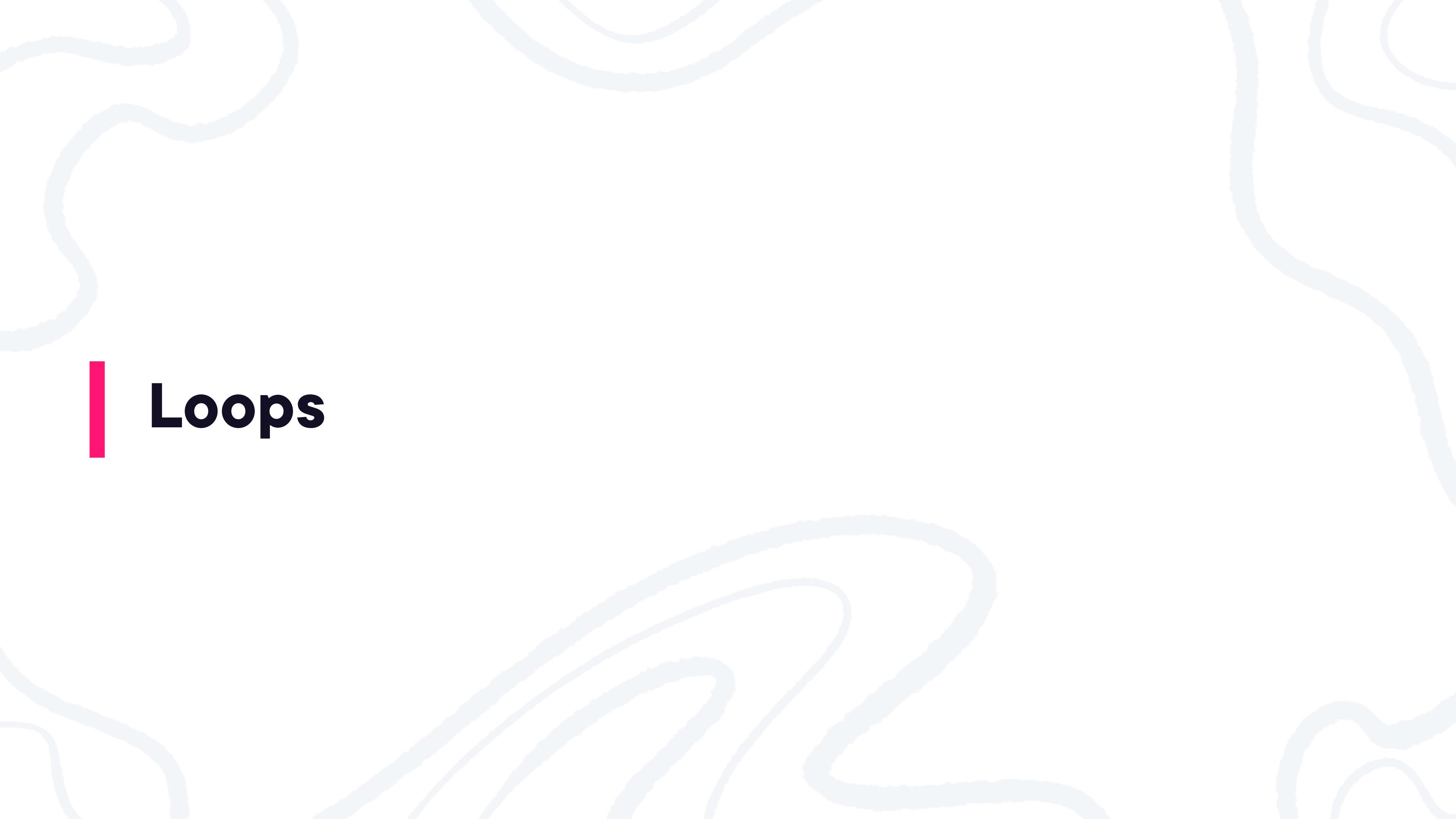


# Functions

# Object Literals

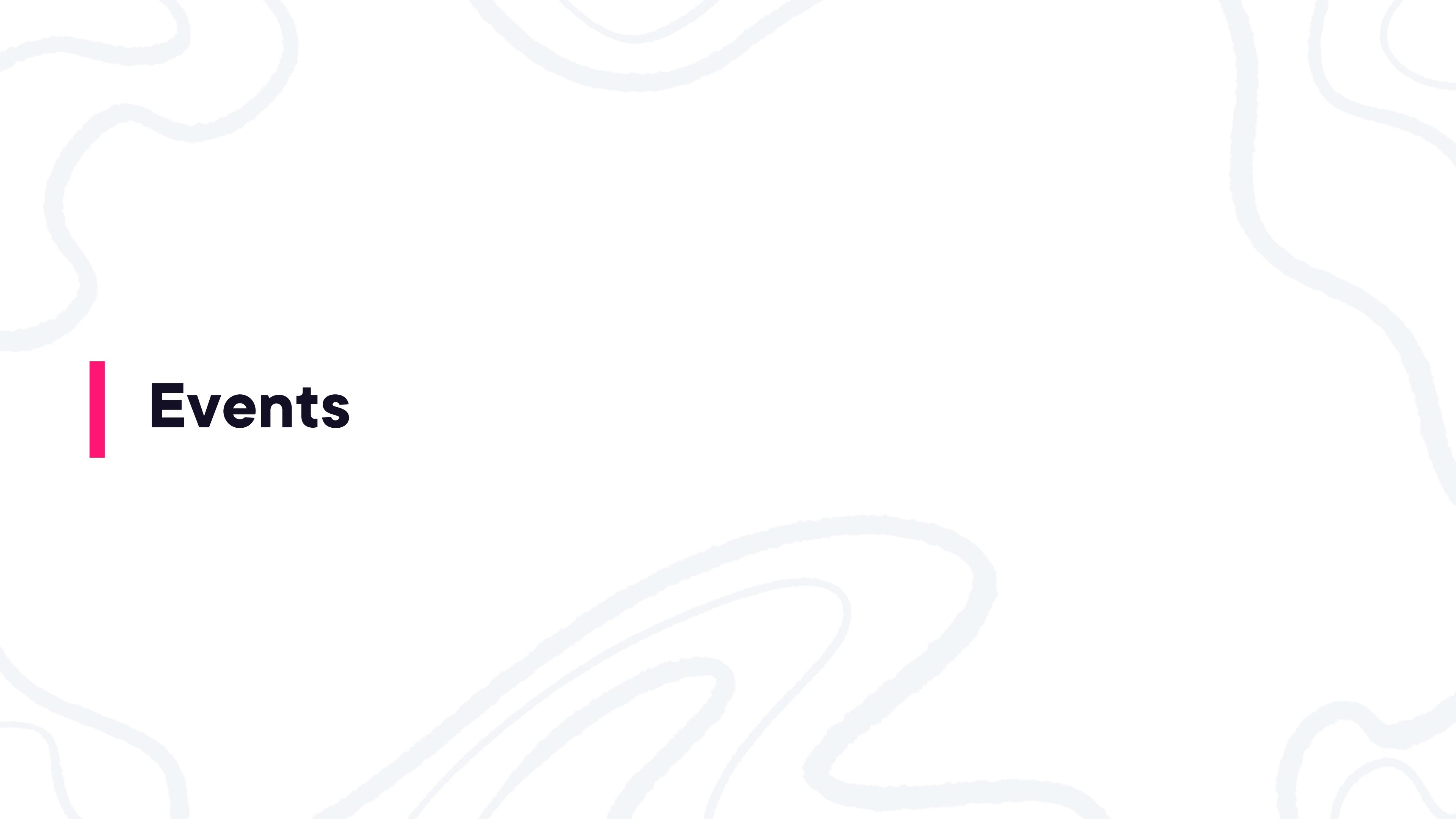


# Arrays

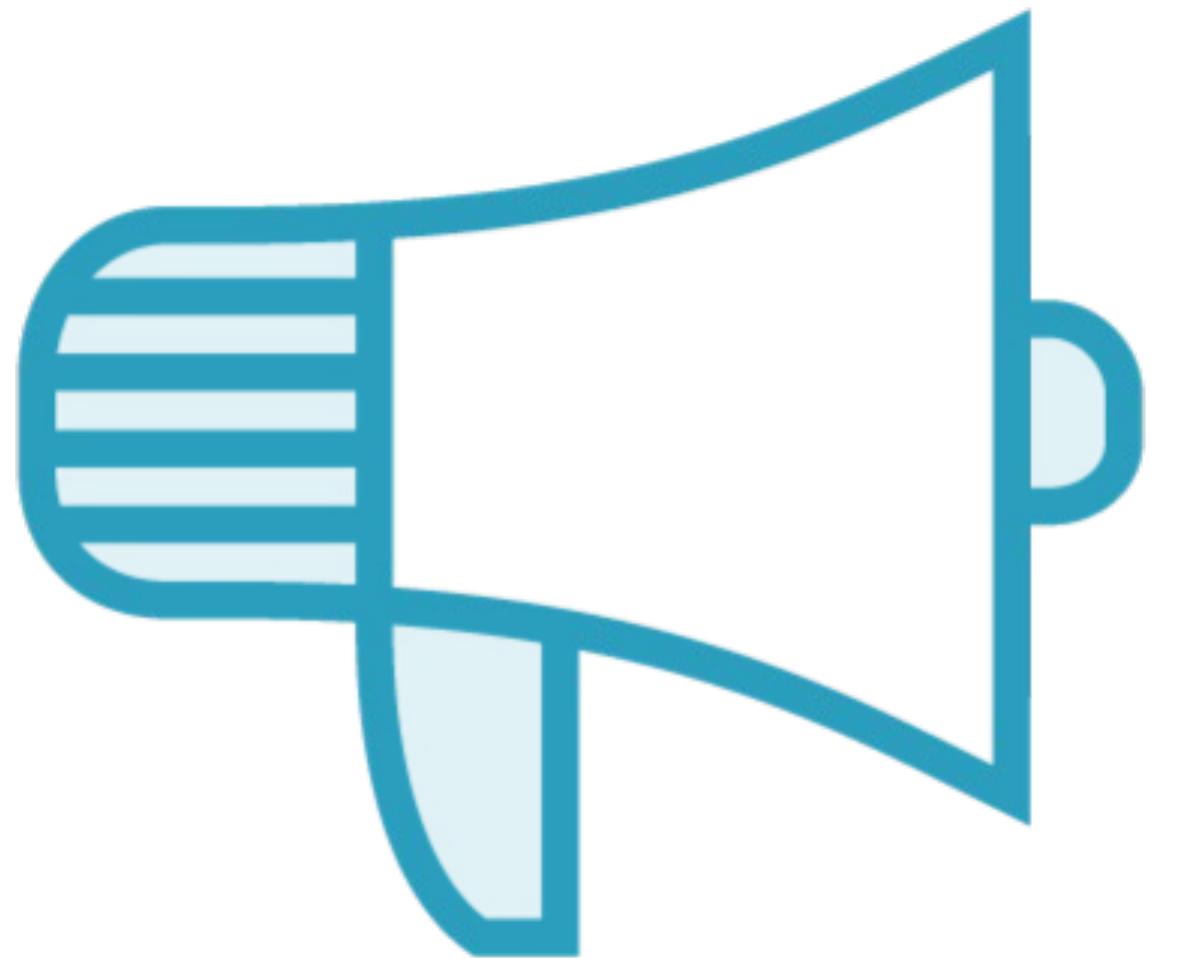


# Loops

# The window Object



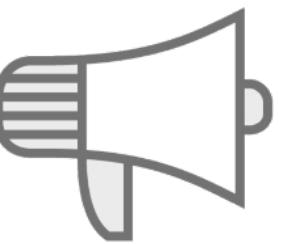
# Events

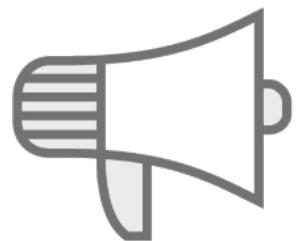










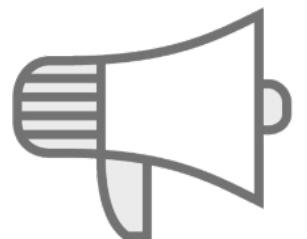


DOMContentLoaded

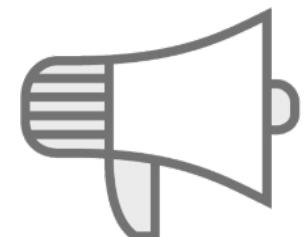
SUBMIT



SUBMIT



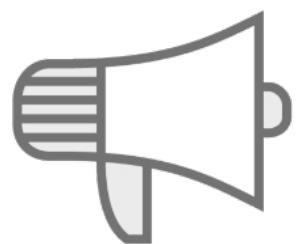
**SUBMIT**



click









orientationchange

# **addEventListener**

# **addEventListener**

```
window.addEventListener("click", );
```

Event name



**Anonymous function**



**addEventListener**

```
window.addEventListener("click", function(e) {  
});
```

Event object



**addEventListener**

```
window.addEventListener("click", function(e) {  
});
```

**addEventListener**

```
window.addEventListener("click", function(e) {  
});
```



**Logic**

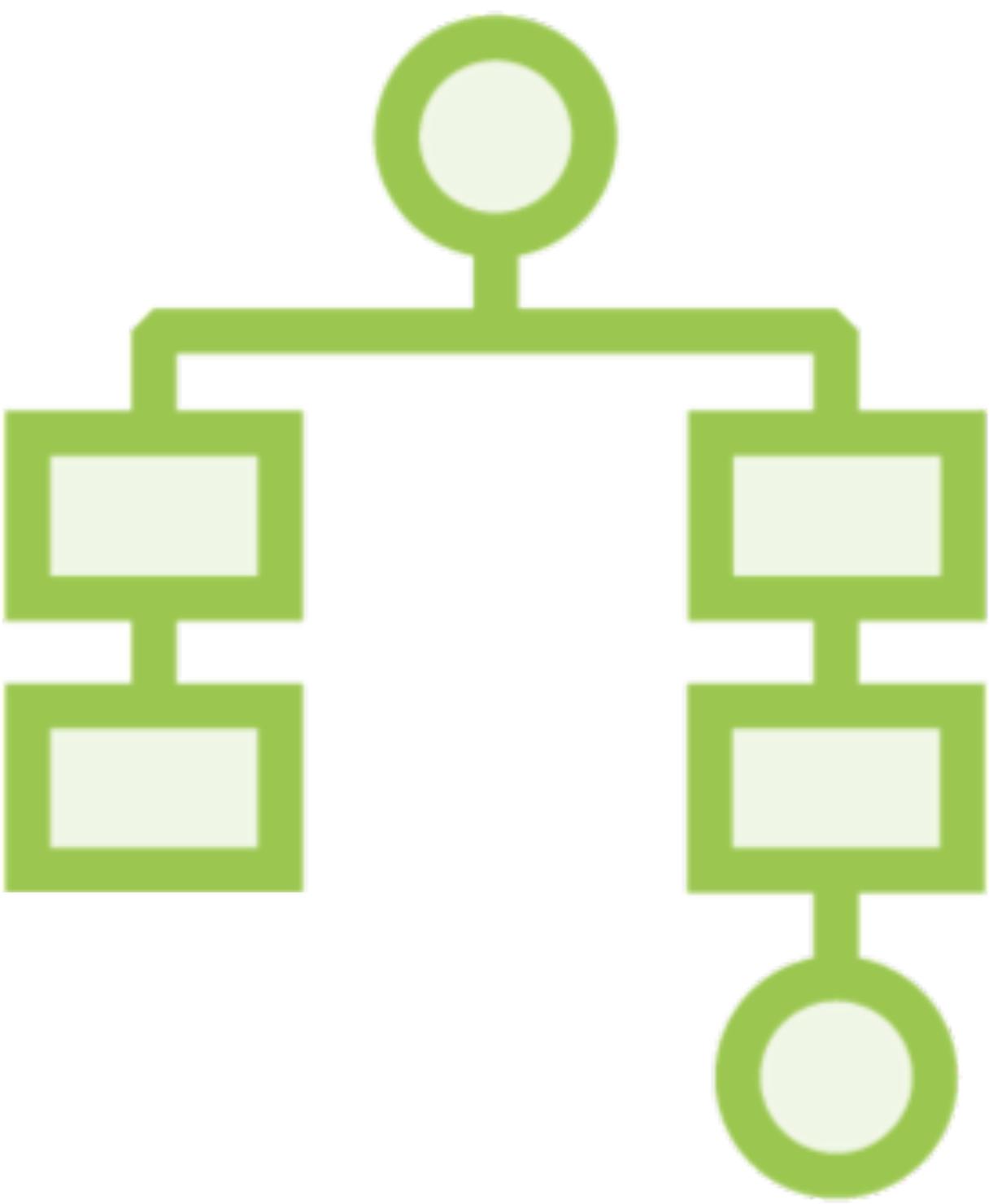


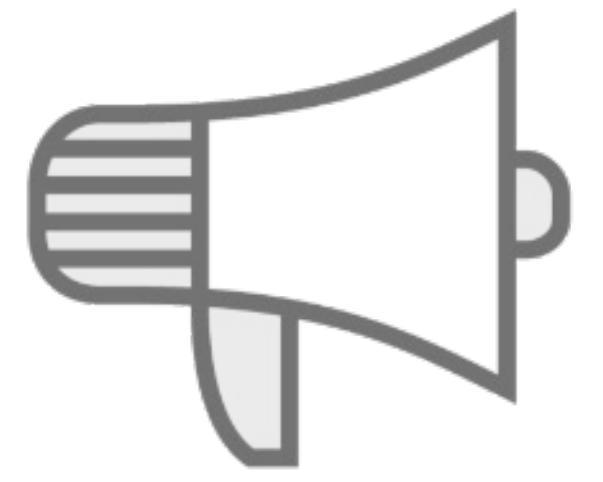






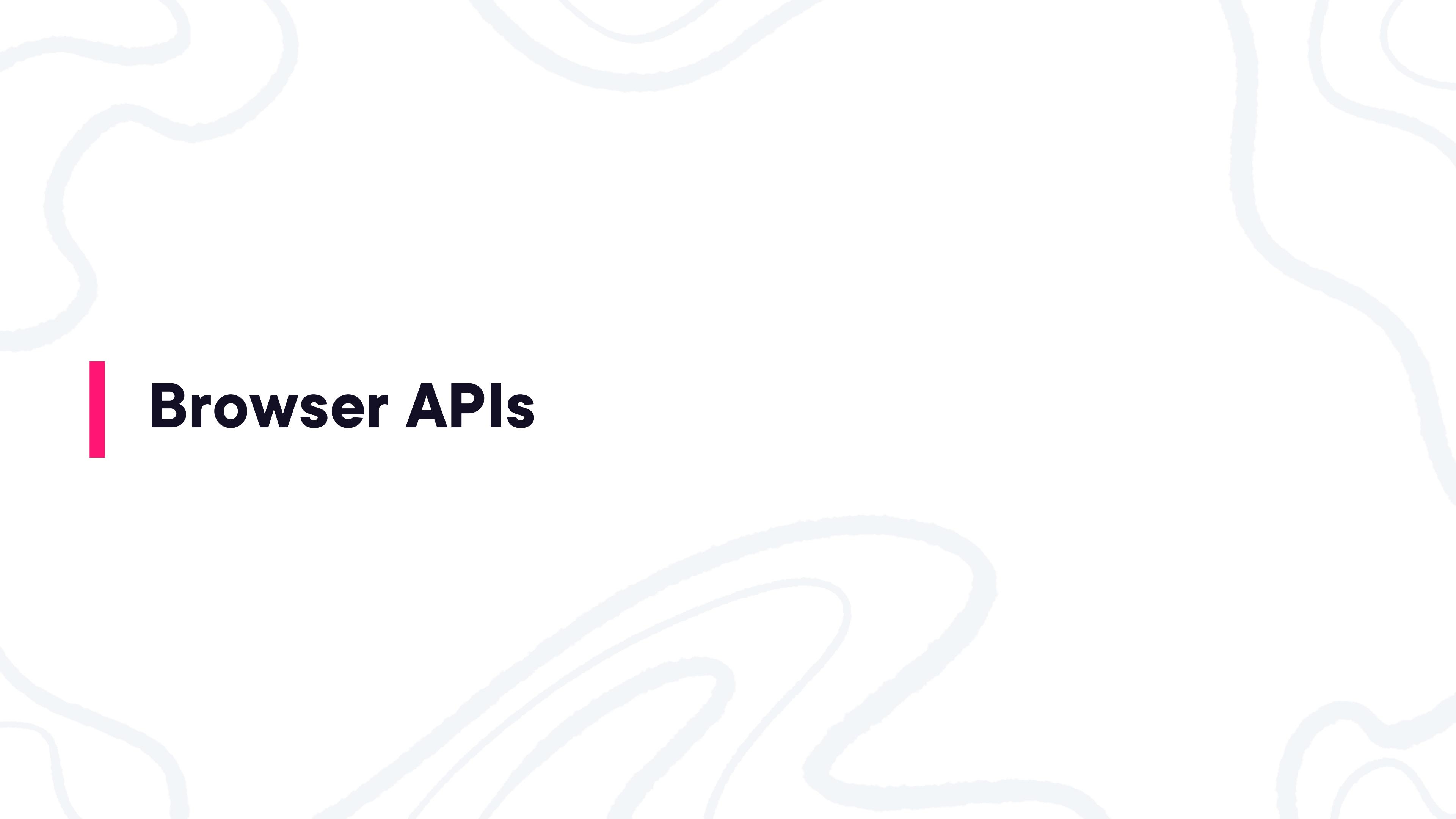








**DOMContentLoaded**



# Browser APIs



<https://developer.mozilla.org/docs/Web/API>



# Fallbacks and Polyfills

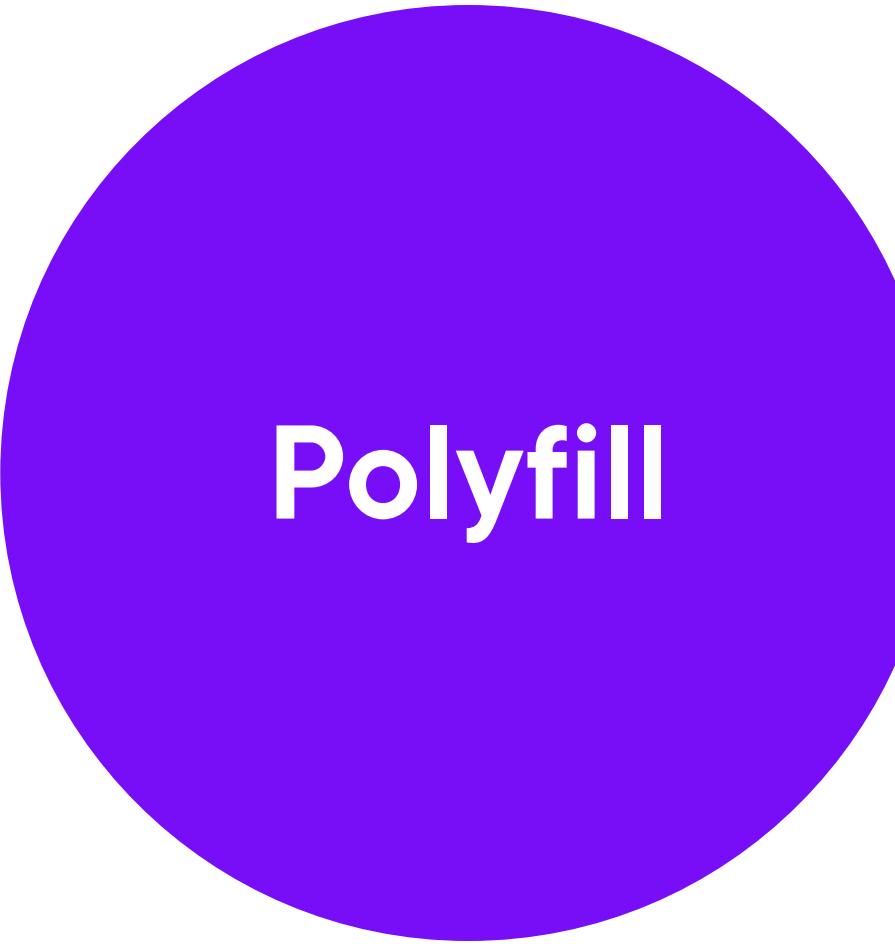




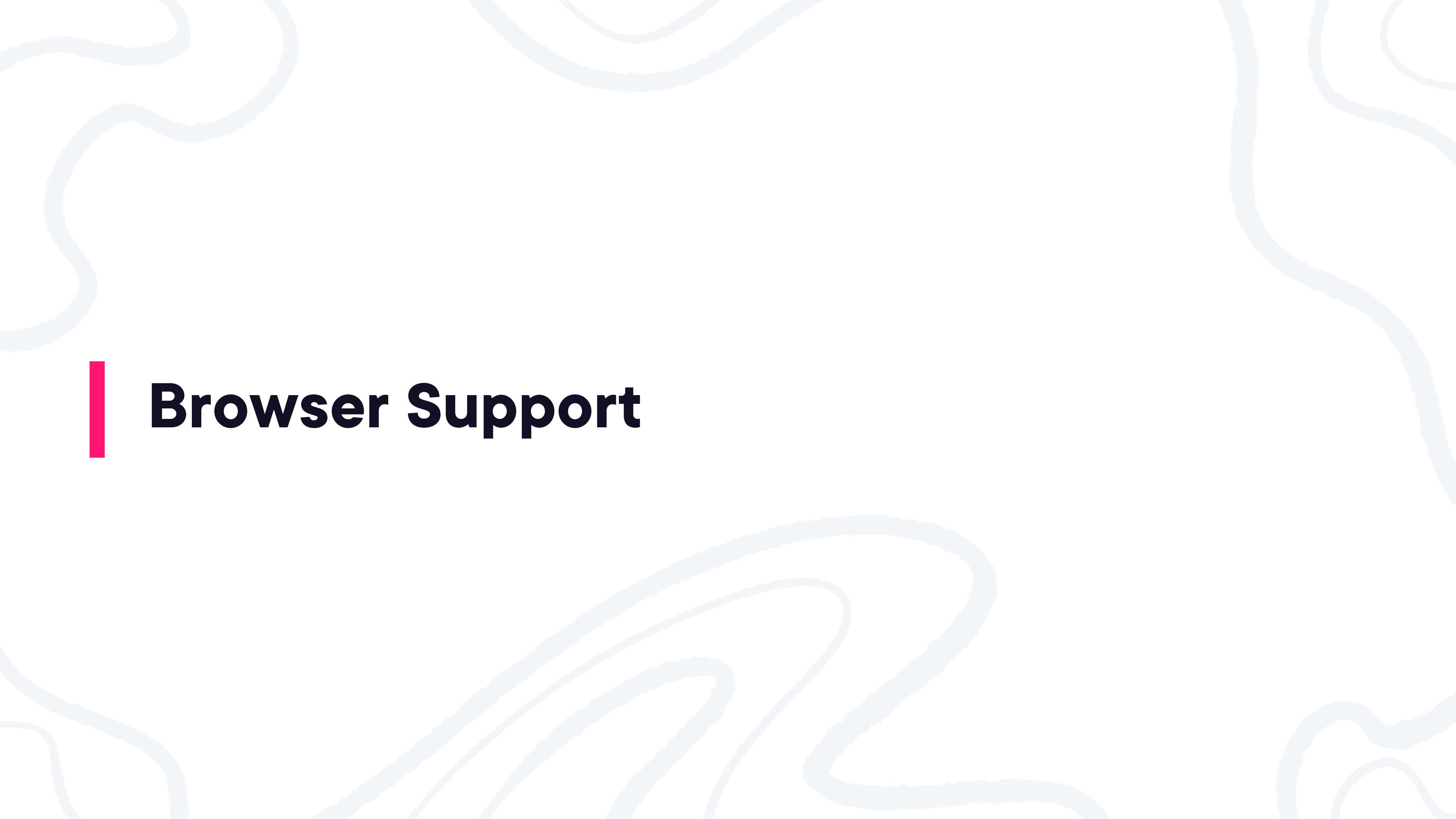
**Fallback**



**Fallback**



**Polyfill**



# Browser Support

# html5please.com



# caniuse.com

The screenshot shows the homepage of caniuse.com. The page has a dark background with orange and white text. At the top, there's a navigation bar with links for Home, News, a date (September 11, 2022), Compare browsers, and About. Below the navigation is a large orange header with the text "Can I use" followed by a search input field and a "Settings" button. Underneath the header are two buttons: "Index of features" and "Filter features". The main content area is divided into three columns: "Latest features" (listing ImageCapture API, WebCodecs API, WebTransport, Media Queries: Range Syntax, and CSS Container Query Units), "Most searched features" (listing CSS Grid, Flexbox, WebP image format, gap property for Flexbox, and ES6), and "Test a feature" (with a note about a partnership with BrowserStack). At the bottom, there's a "Test on:" section with options for IE 11 and Safari 13.

Can I use... Support tables for HTML

caniuse.com

Home News September 11, 2022 - New feature: ImageCapture API Compare browsers About

Can I use ? Settings

Index of features Filter features

Latest features

- ImageCapture API
- WebCodecs API
- WebTransport
- Media Queries: Range Syntax
- CSS Container Query Units

Most searched features

1. CSS Grid
2. Flexbox
3. WebP image format
4. gap property for Flexbox
5. ES6

Test a feature

Our partnership with BrowserStack now lets you test your website for compatibility across 2,000+ real browsers and devices.

Test on:

- IE 11
- Safari 13

**Up Next:**

# **Build Bethany's Pie Shop**

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