



**BLACKBUCK**  
ENGINEERS



# The MERN Development Lab

Session 12 - Document Object Model

BY AQUIB AJANI



**BLACKBUCK**  
ENGINEERS



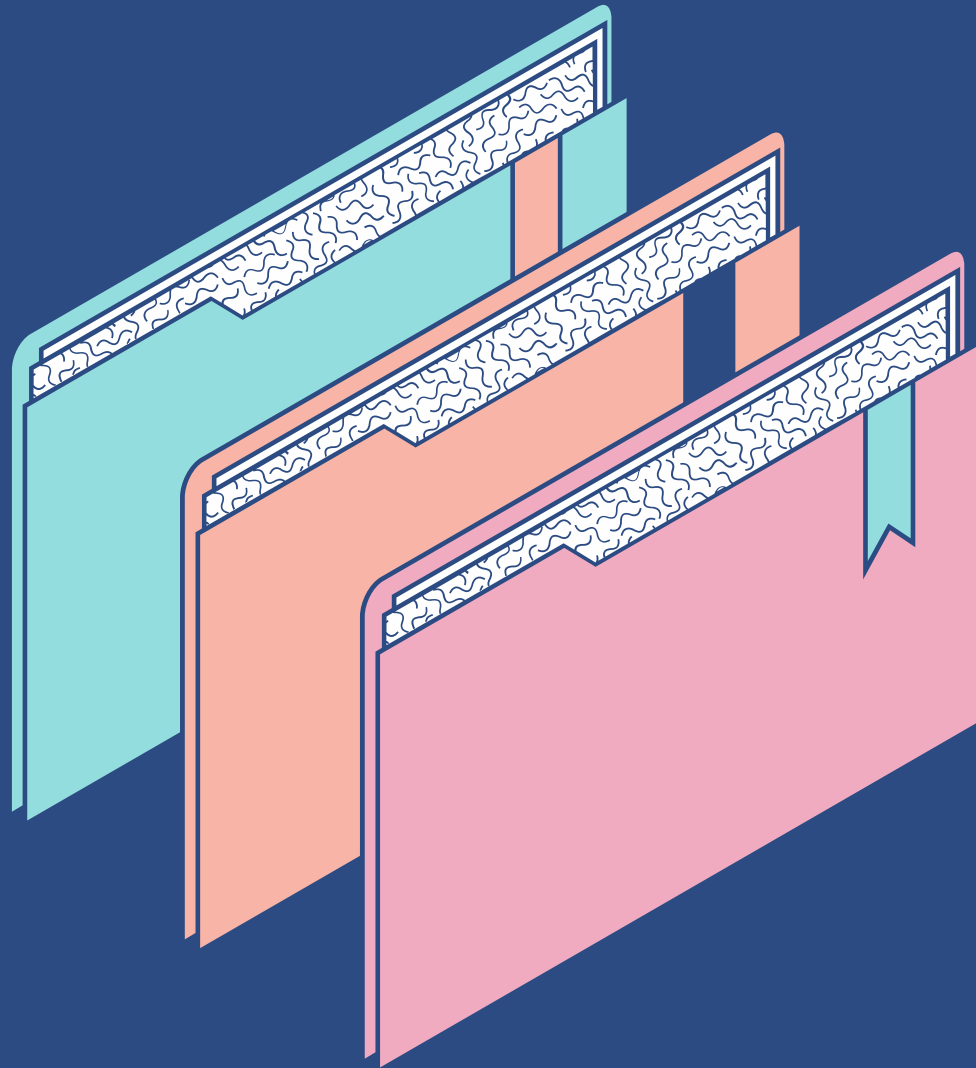
**GitHub**  
**Repository**

**[tabdeelstudios/blackbucks-iidt-internship-full-stack-feb-2024](https://github.com/tabdeelstudios/blackbucks-iidt-internship-full-stack-feb-2024)**

**<https://github.com/tabdeelstudios/blackbucks-iidt-internship-full-stack-feb-2024>**

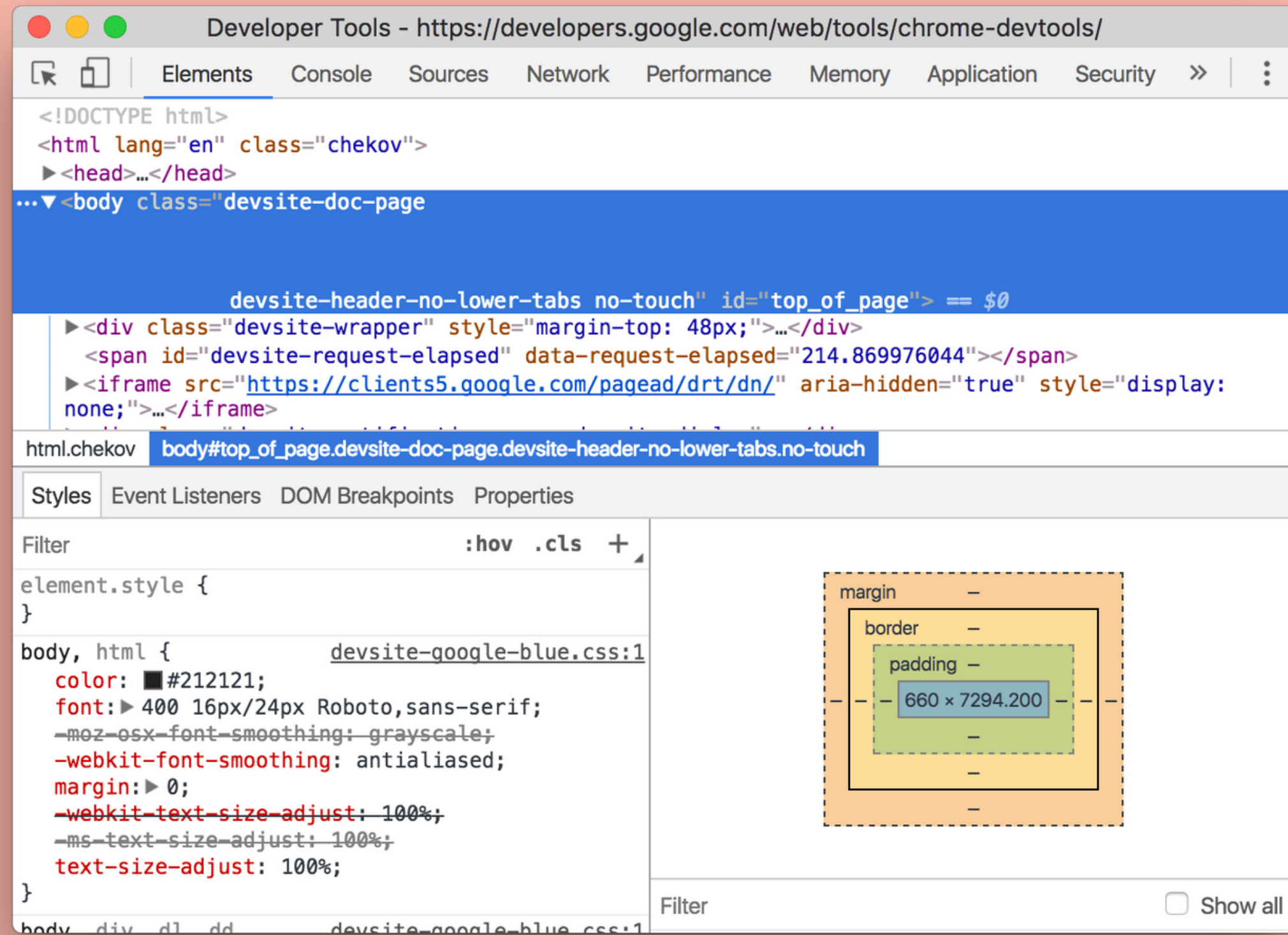
# Session Agenda

## DOCUMENT OBJECT MODEL

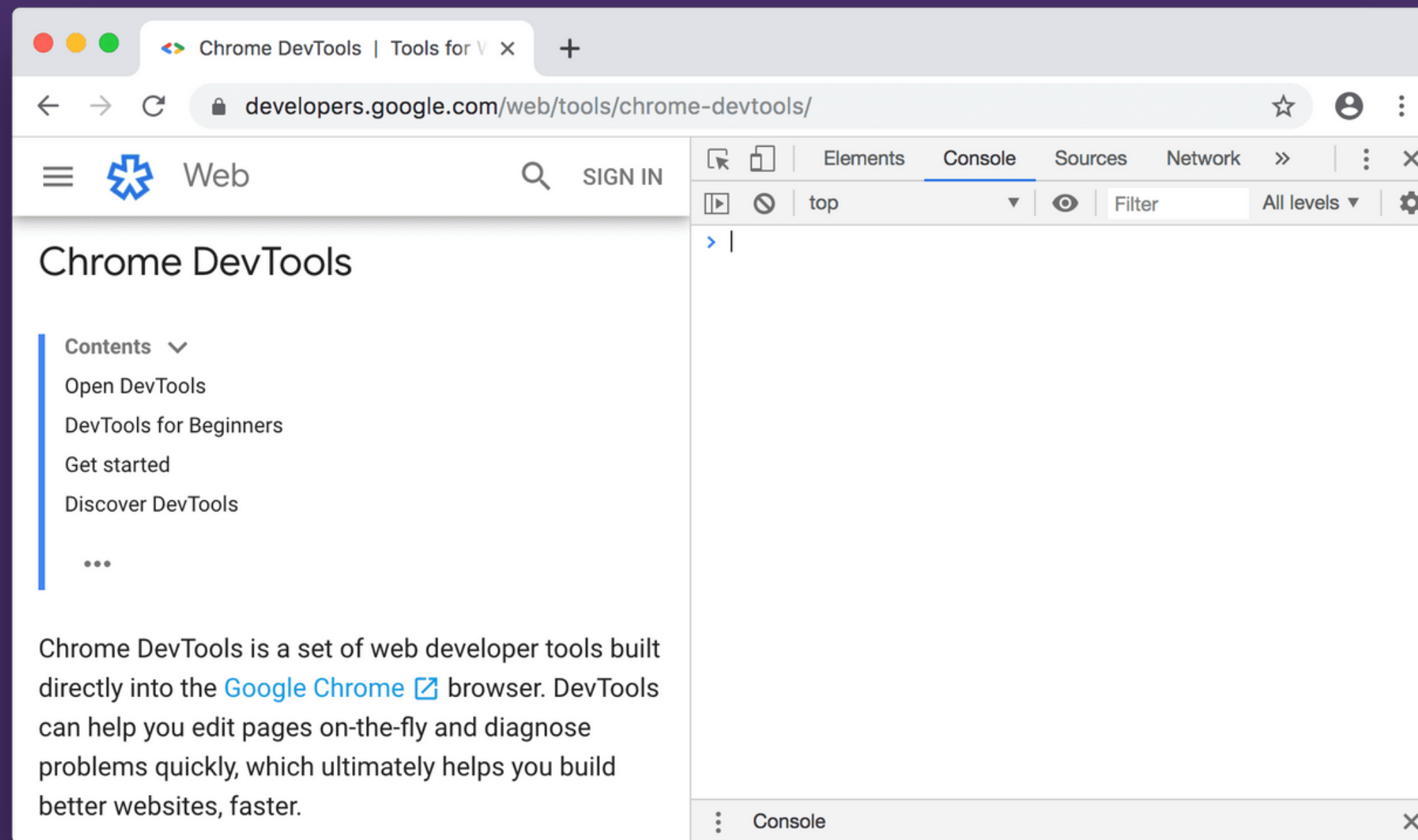


- Recap
- What is the DOM?
- Manipulating HTML with JS
- Manipulating CSS with JS
- Event Handling
- Alerts and Prompts
- Creating new elements with JS
- Let's Code

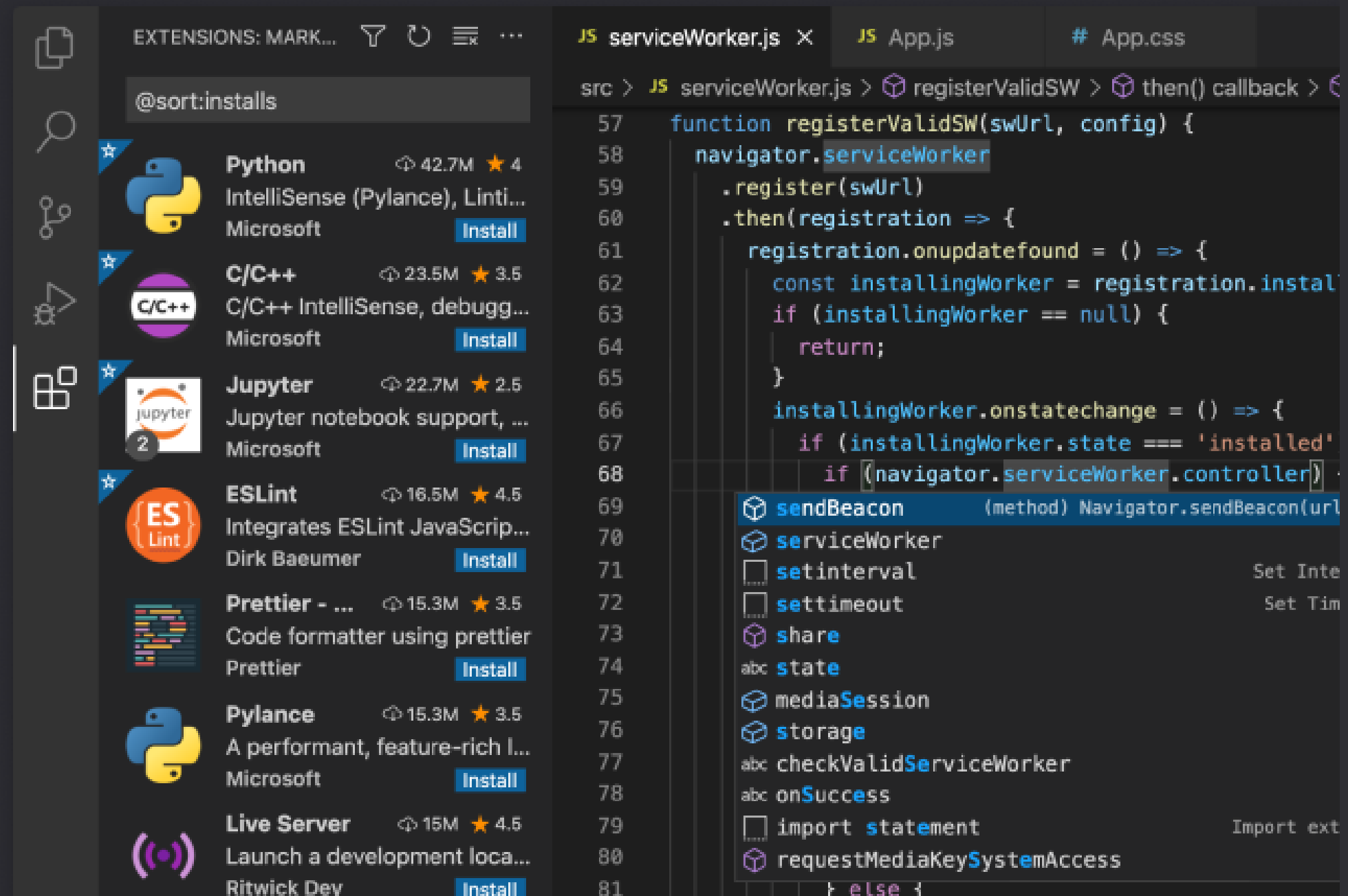
# Chrome Developer Tools



# The Console



# Writing Scripts in VS Code



# HTML + JavaScript



# Data Types

Number

String

Boolean

Object



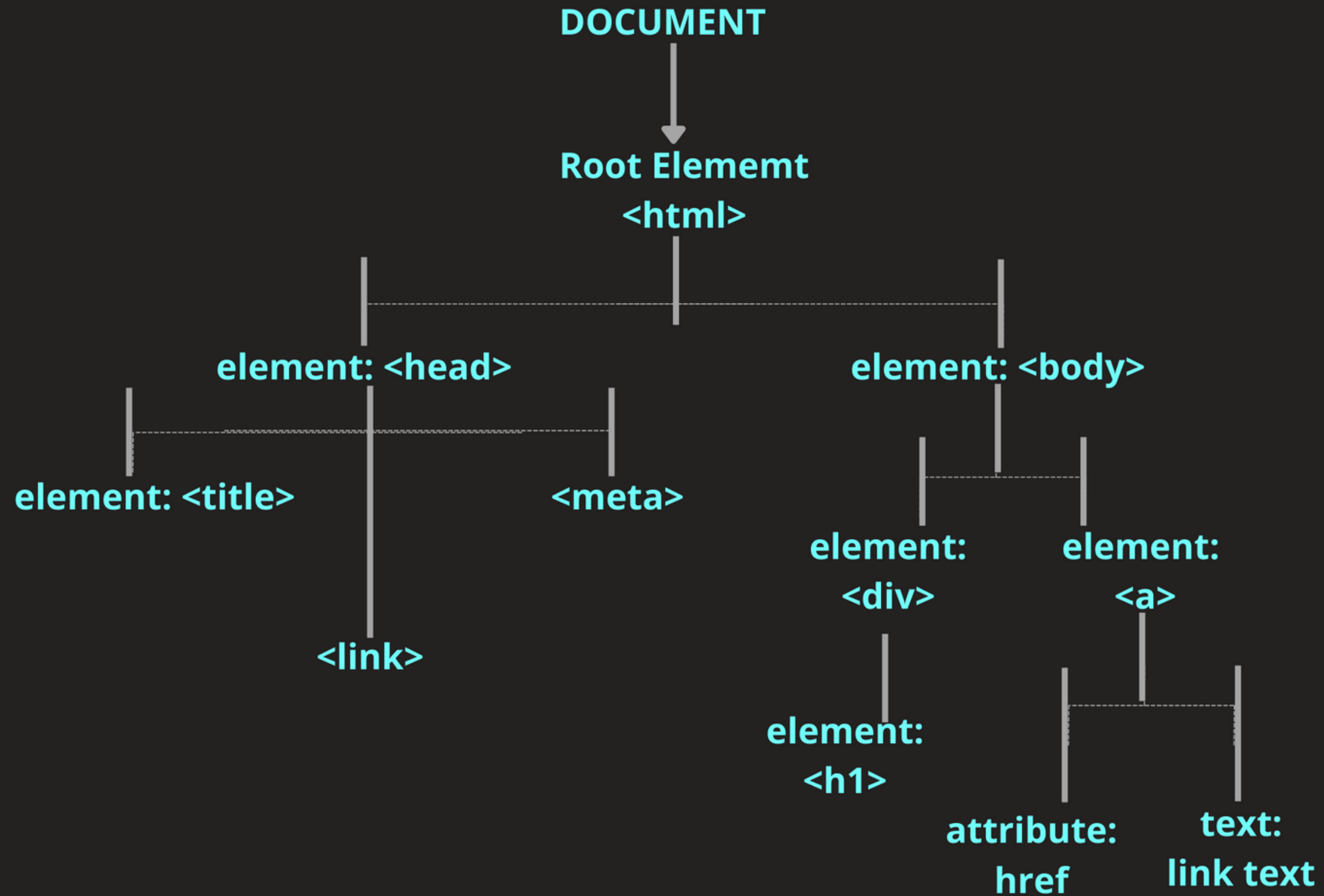
# Variables

**var**

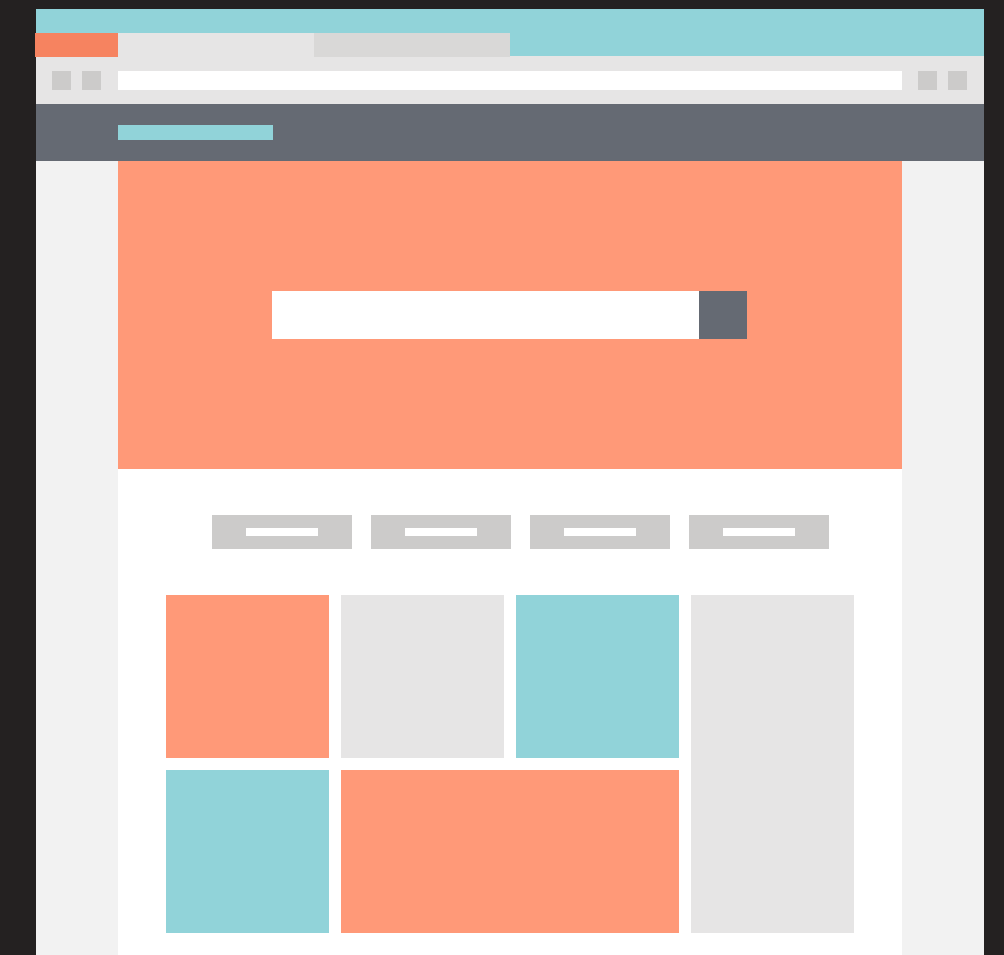
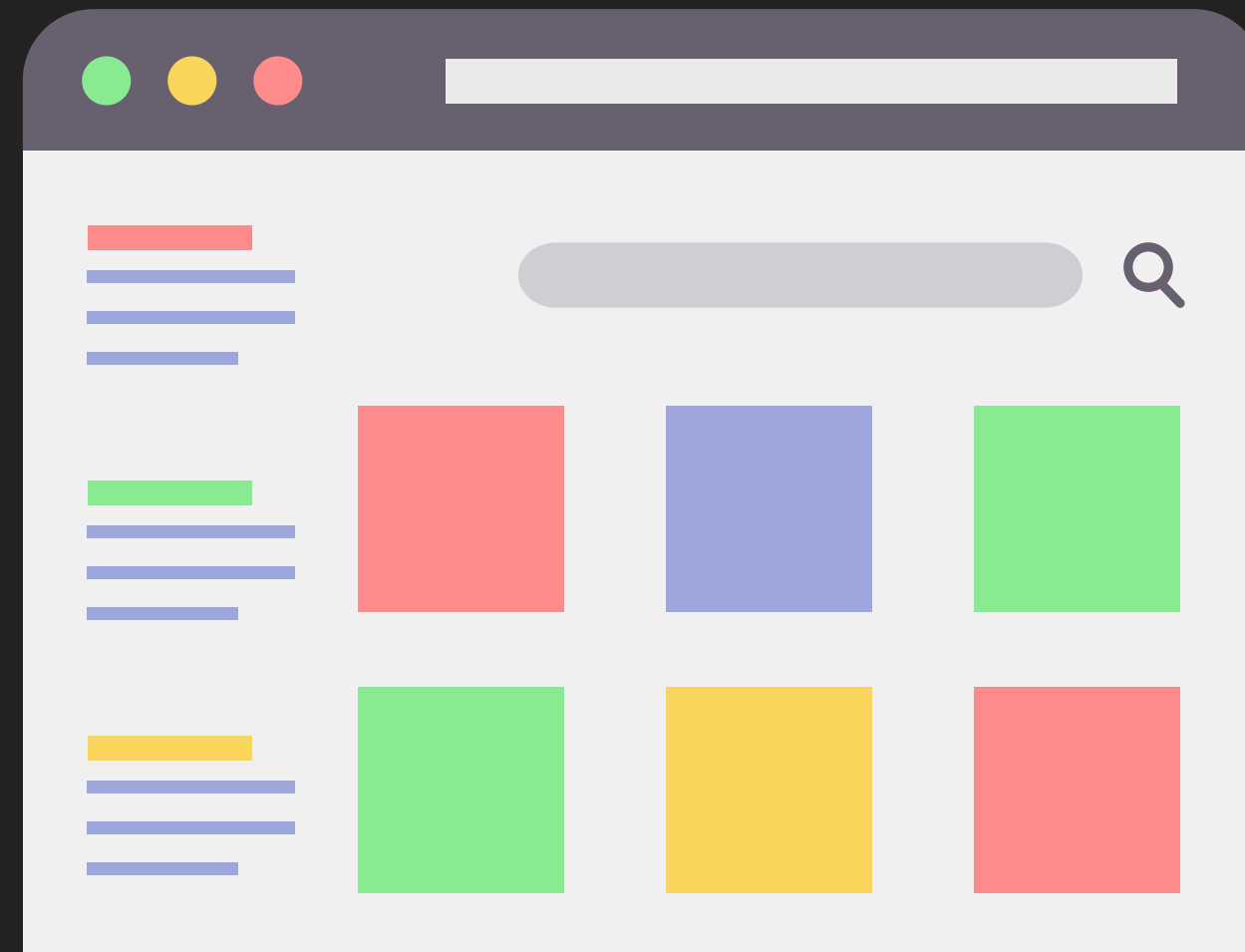
**let**

**const**

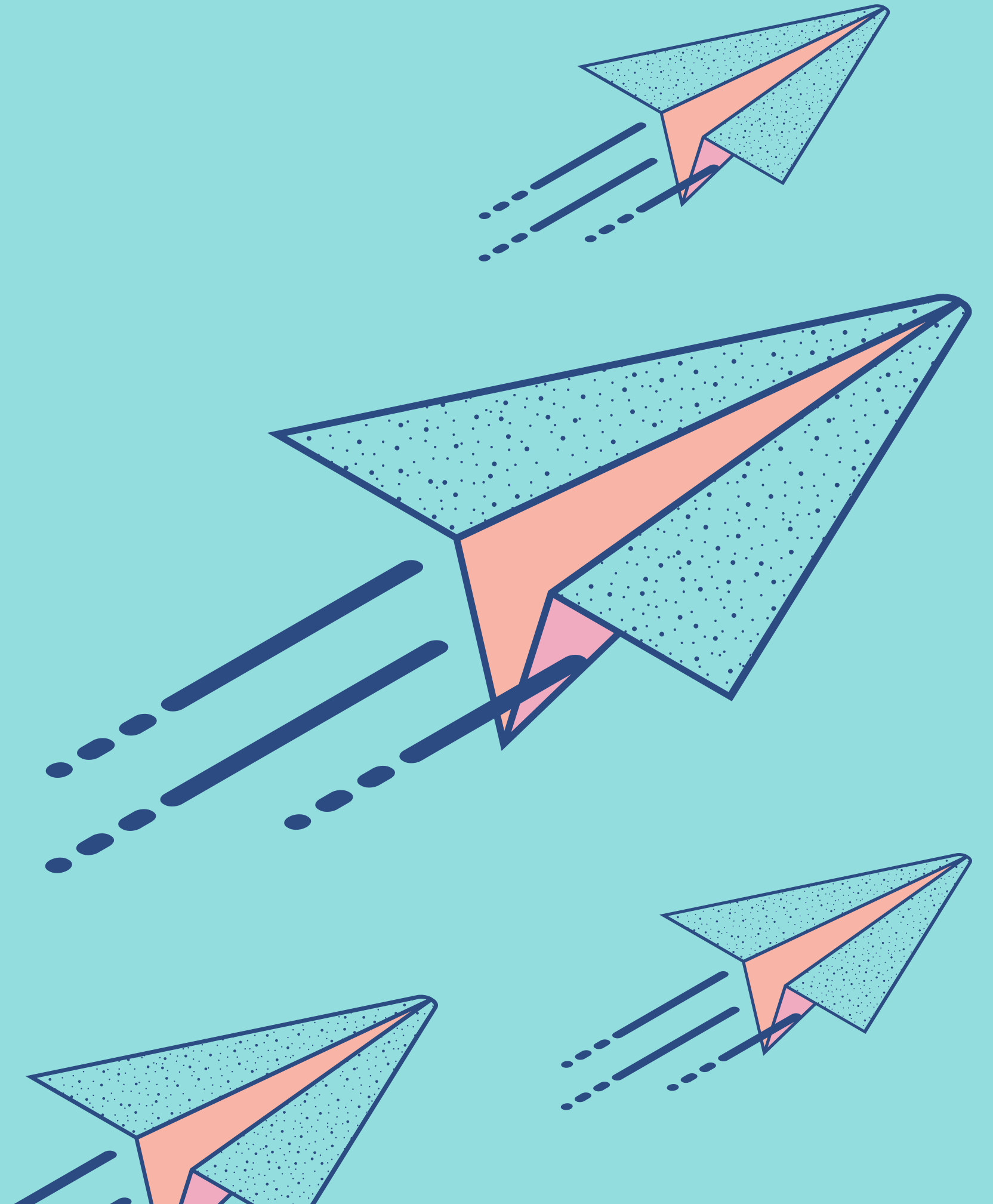
# The Document Object Model



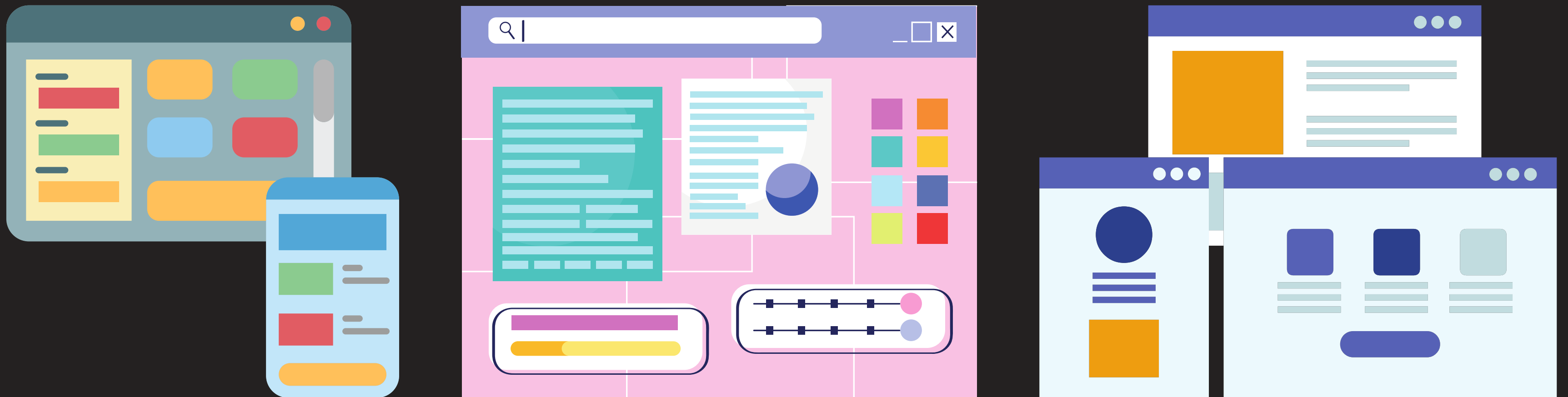
# Manipulating HTML with Javascript



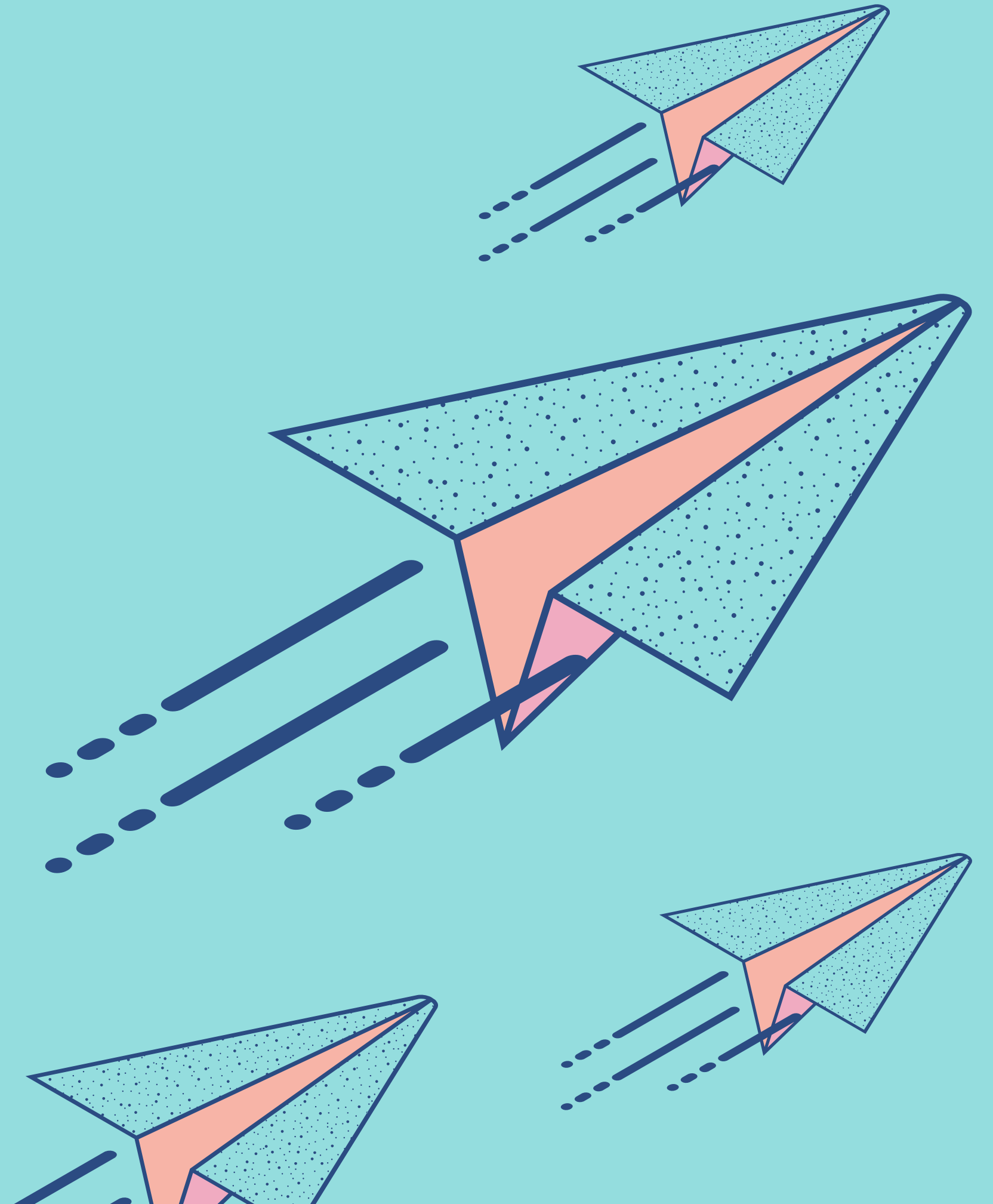
**Do you have  
any questions?**



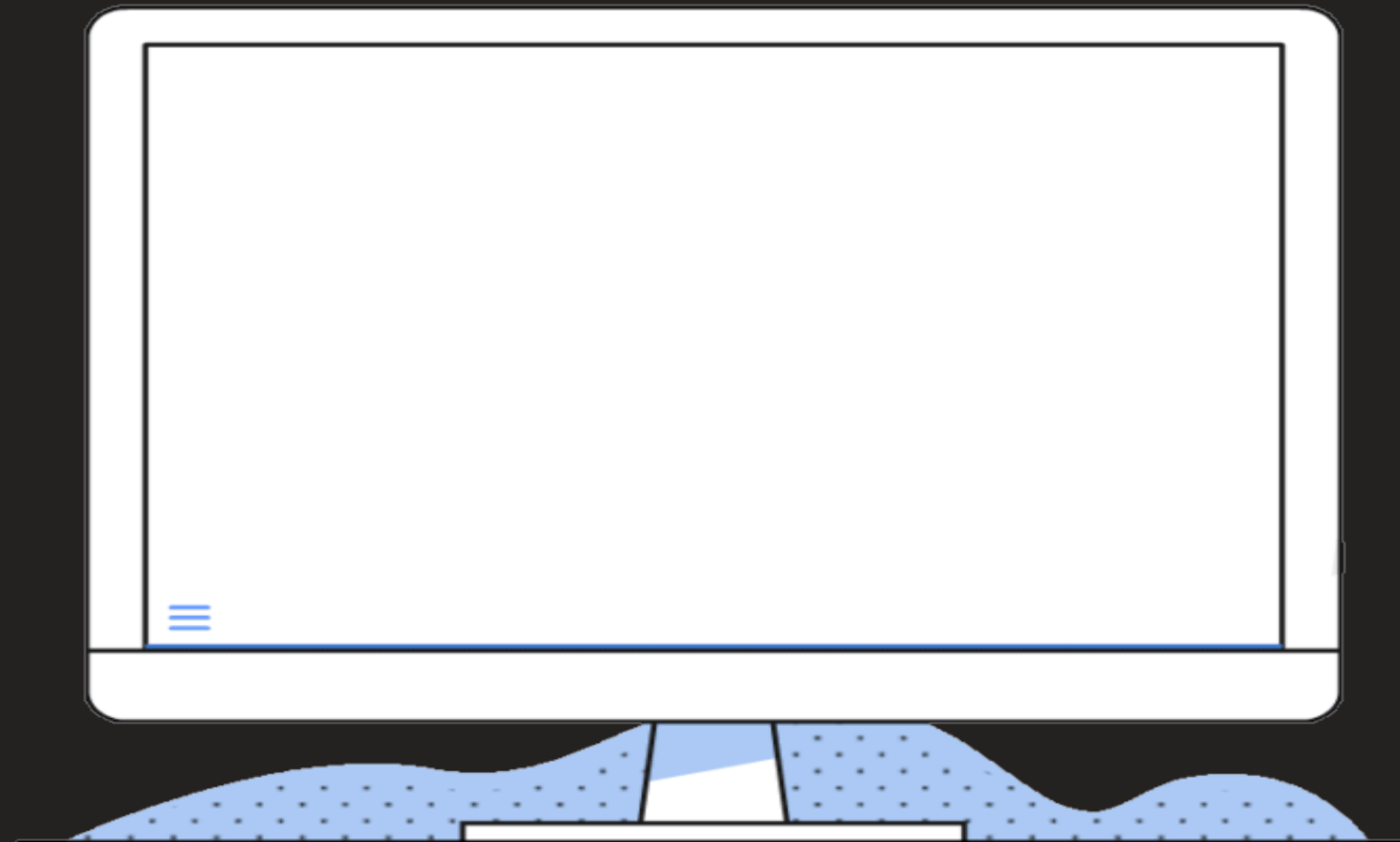
# Manipulating CSS with Javascript



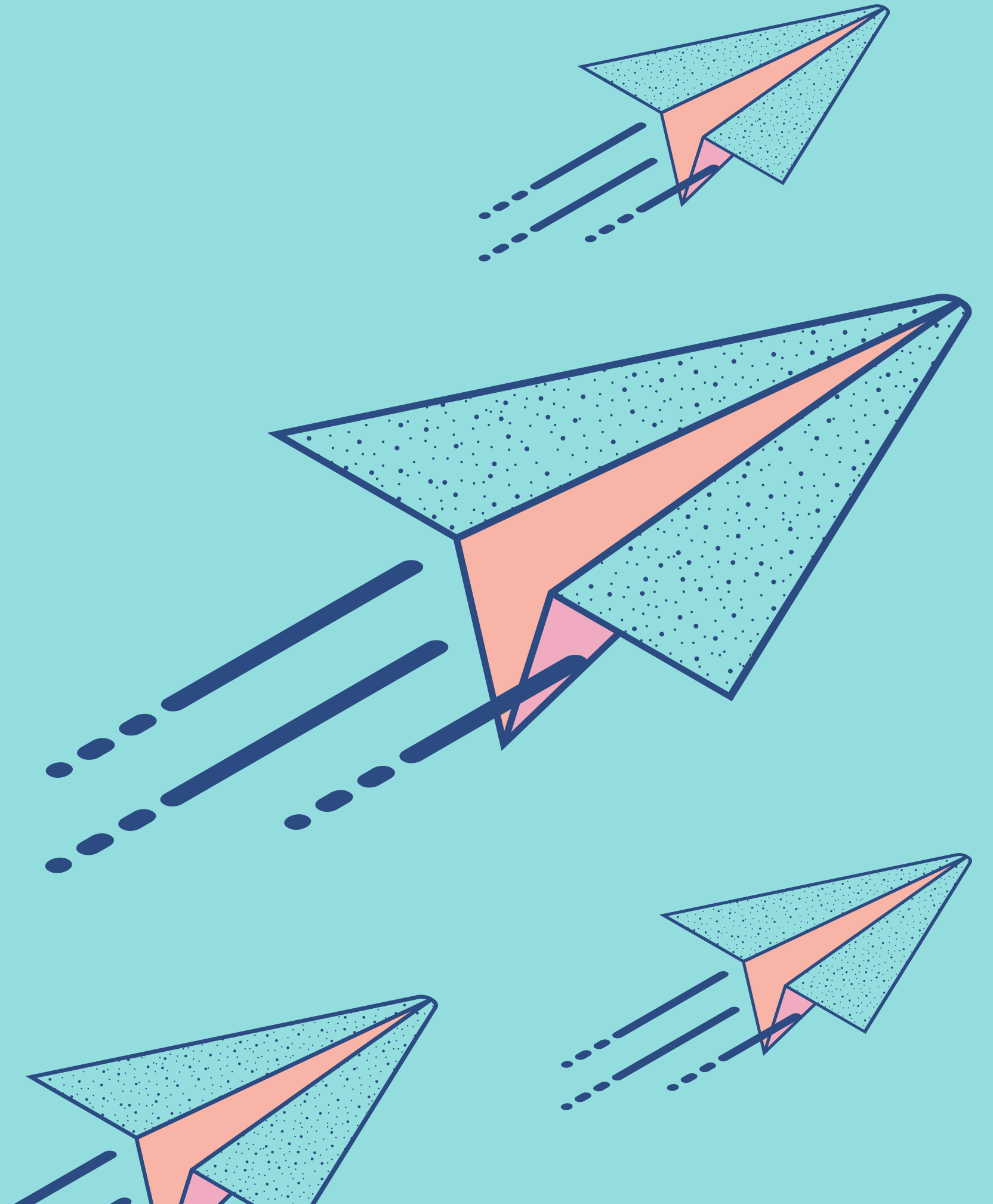
**Do you have  
any questions?**



# Event Handling

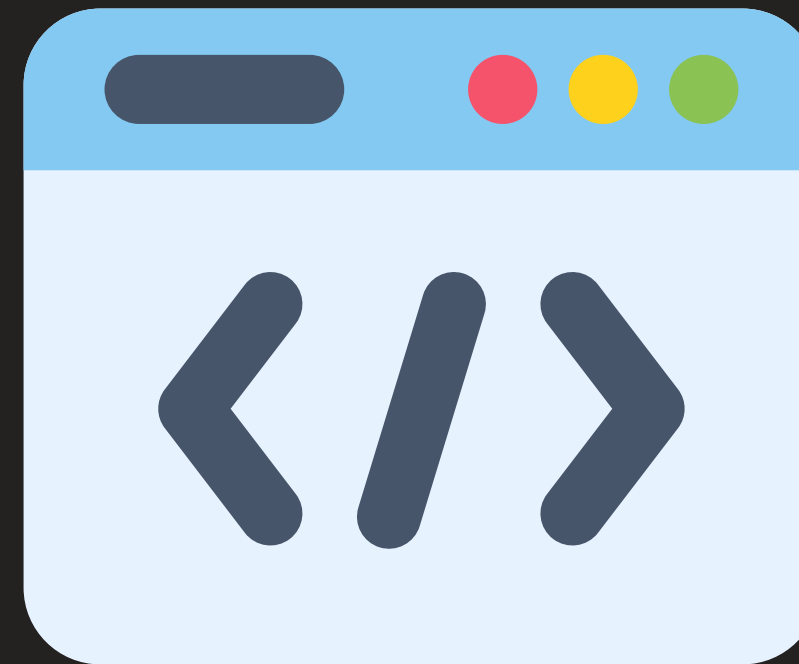


**Do you have  
any questions?**

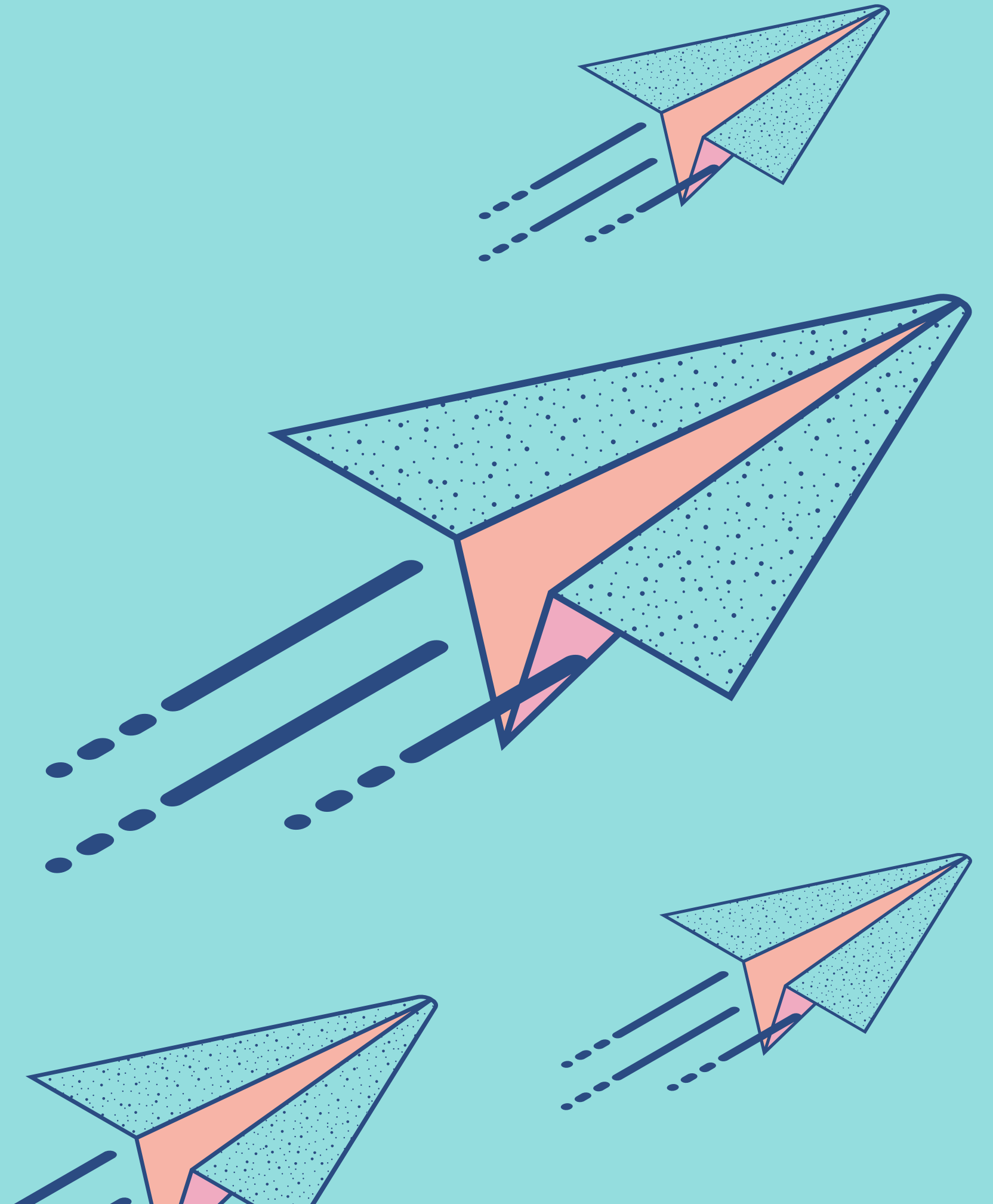




# Alerts and Prompts



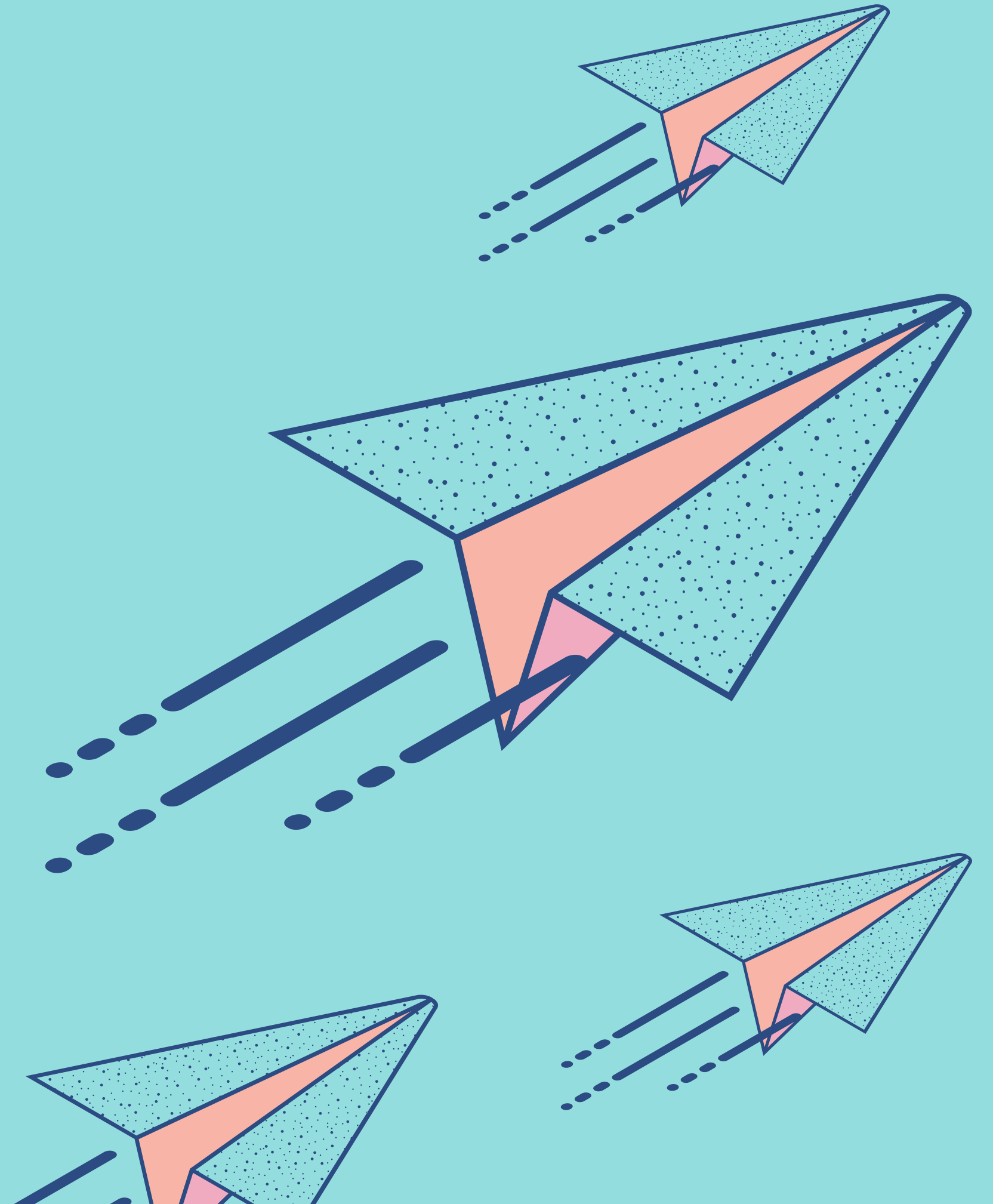
**Do you have  
any questions?**



# Creating new elements with Javascript



**Do you have  
any questions?**



# #LetsCode

## Create your Todo-List

What are your tasks for today?

Add

Design a website

EDIT

COMPLETED

DELETE

Develop the website

EDIT

COMPLETED

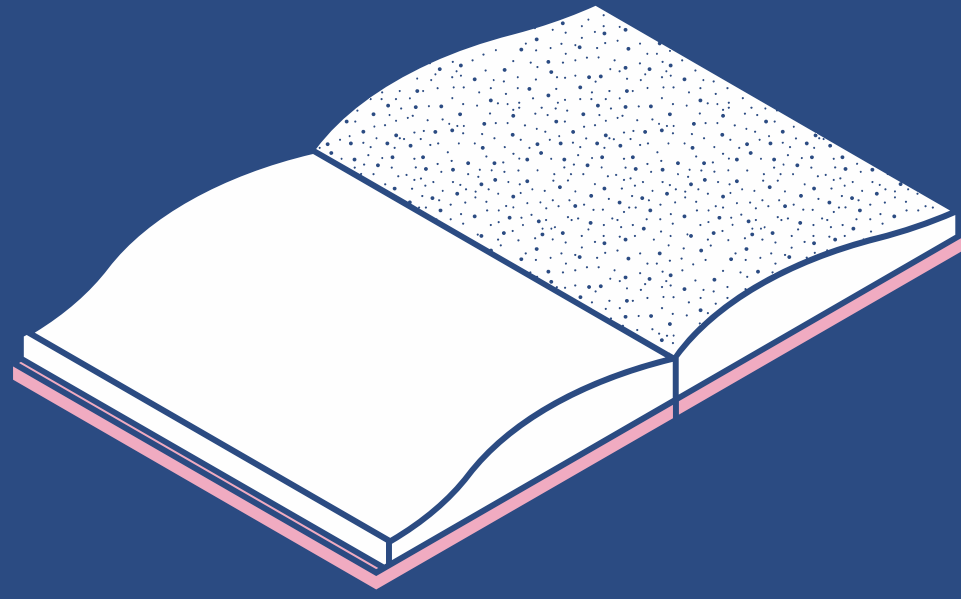
DELETE

Publish the website

EDIT

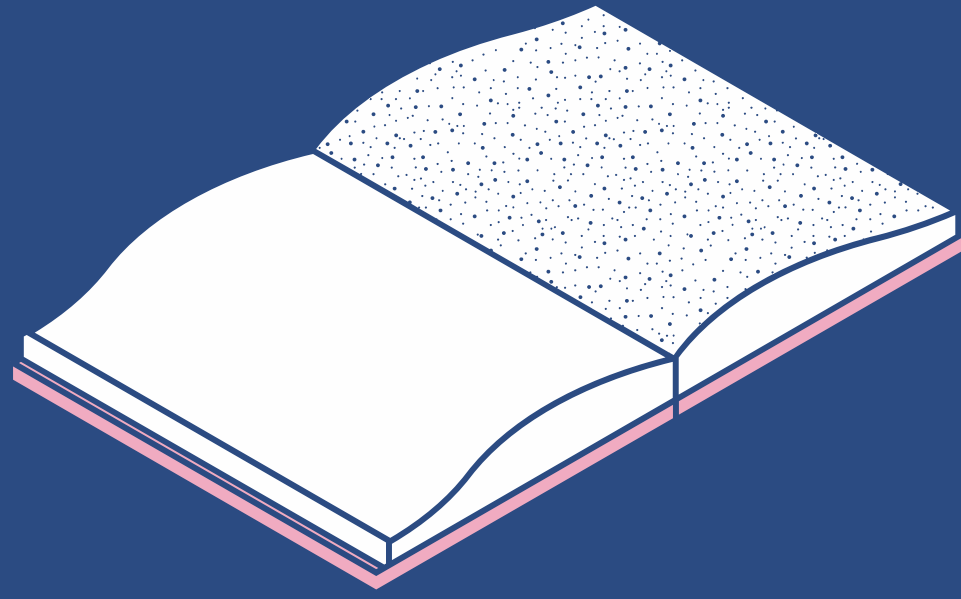
COMPLETED

DELETE



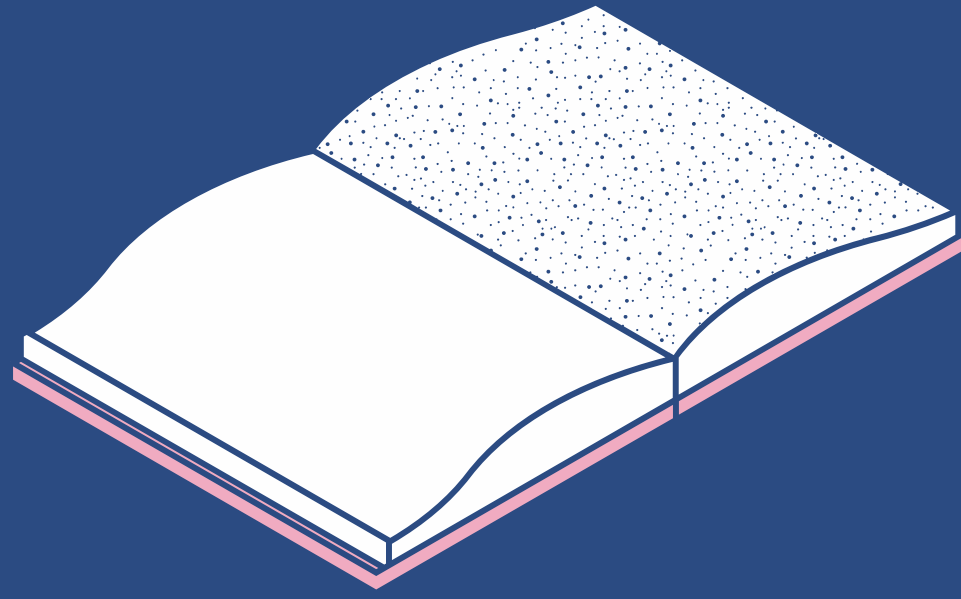
**Which method is used to  
select an element by its ID in  
JavaScript?**

1. getElementByTag
2. selectElementById
3. getElementById
4. selectById



**Which method is used to  
select an element by its ID in  
JavaScript?**

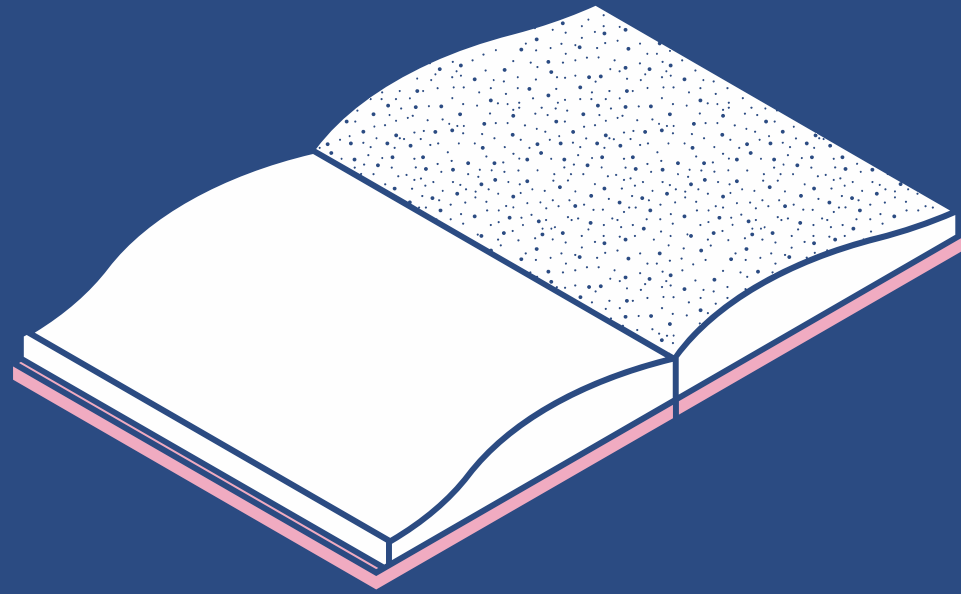
1. getElementByTag
2. selectElementById
3. **getElementById**
4. selectById



**Which property is used to get the HTML content of an element in JavaScript?**

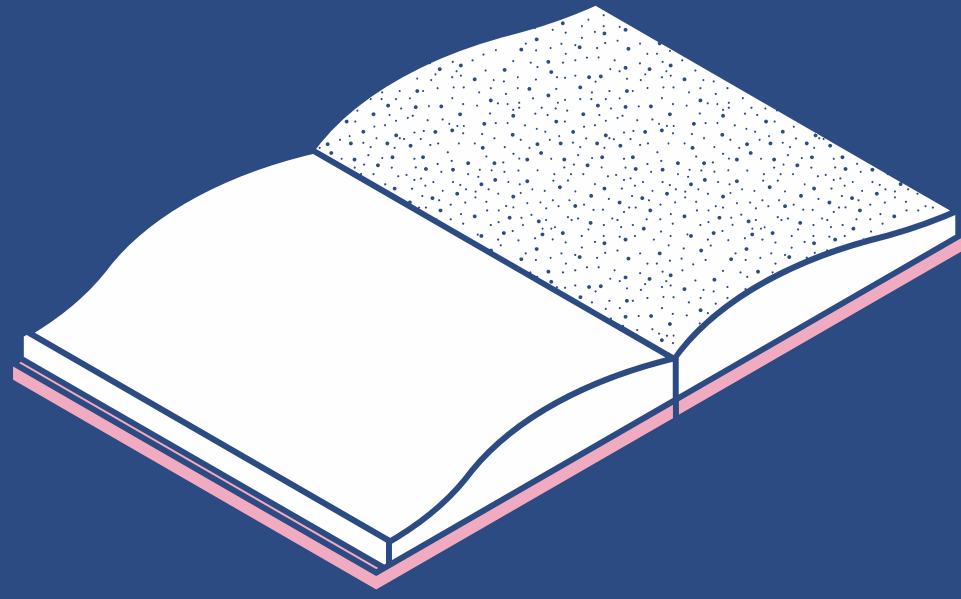
1. innerHTML
2. outerHTML
3. elementContent
4. textContent





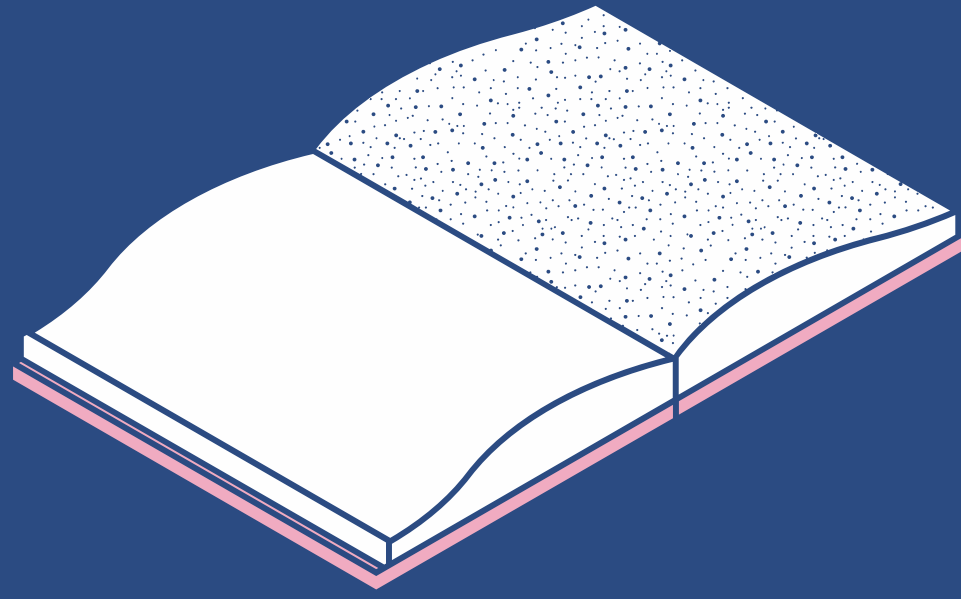
Which property is used to get the HTML content of an element in JavaScript?

1. `innerHTML`
2. `outerHTML`
3. `elementContent`
4. `textContent`



**Which property is used to get the HTML content of an element in JavaScript?**

1. Removes an existing element
2. Adds a new child element to the end of the parent element
3. Creates a copy of an element
4. Deletes the parent element



**Which property is used to get the HTML content of an element in JavaScript?**

1. Removes an existing element
2. Adds a new child element to the end of the parent element
3. Creates a copy of an element
4. Deletes the parent element