BLACKBUCK ENGINEERS

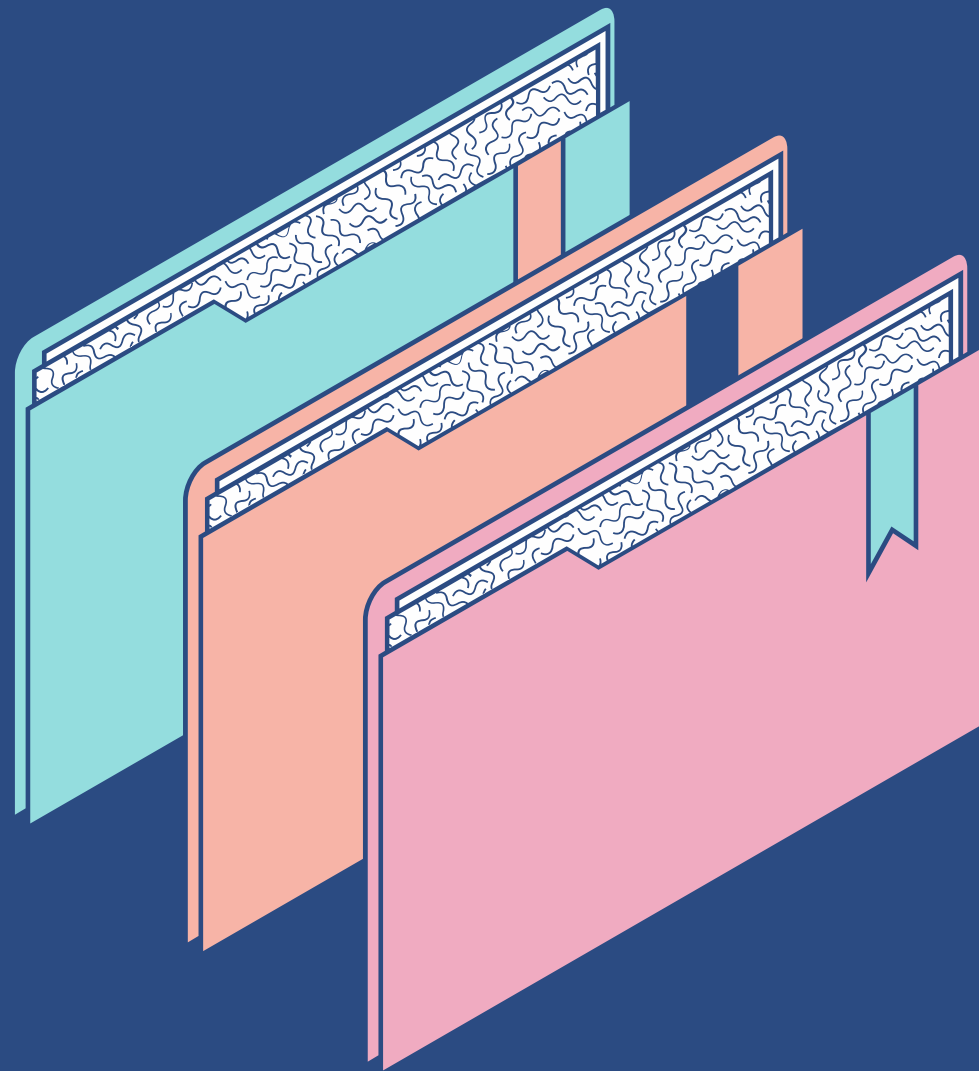# The MERN Development Lab

Session 13 - **Advanced JavaScript**

BY AQUIB AJANI

GitHub Repository

tabdeelstudios/blackbucks-iidt-internship-full-stack-feb-2024

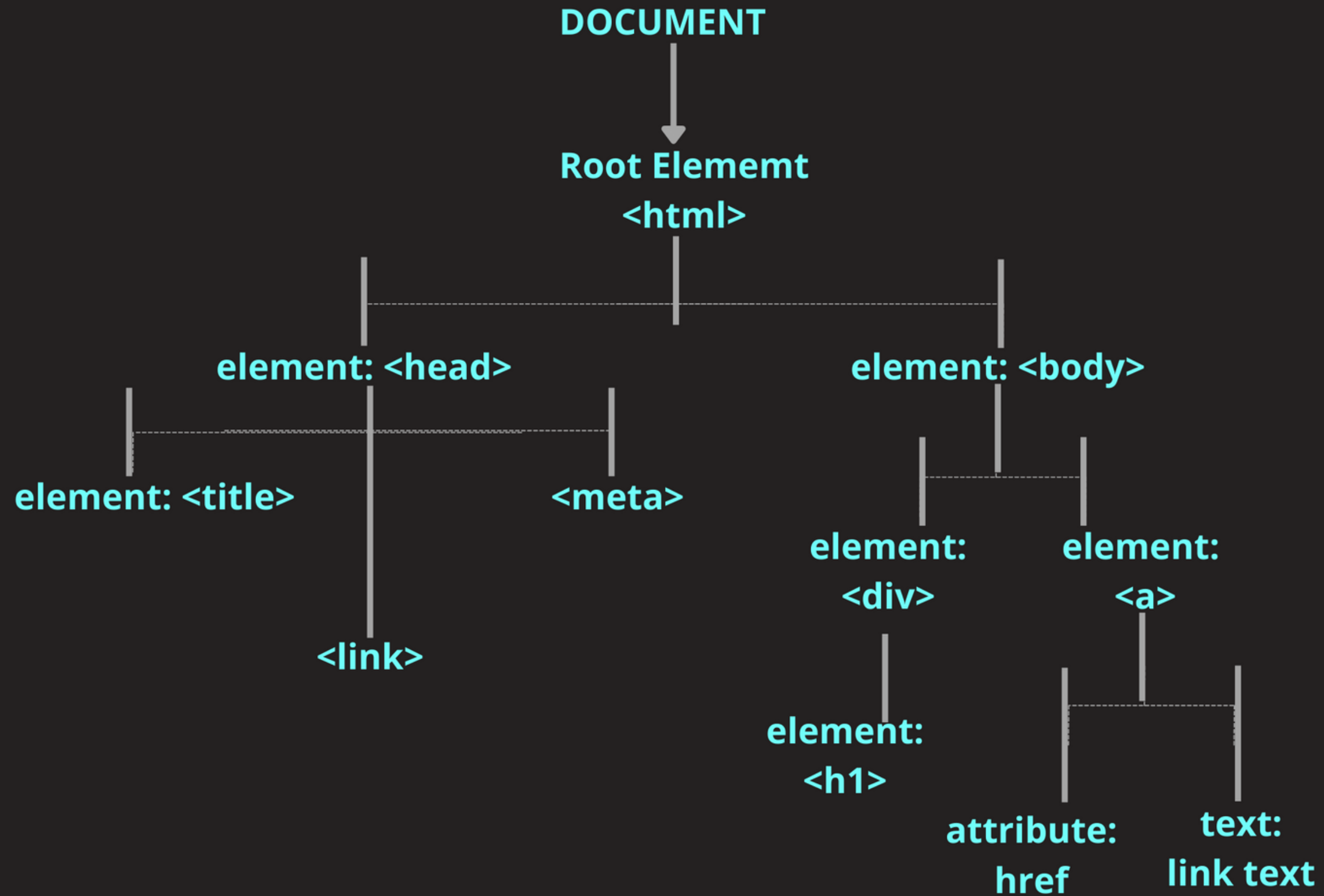https://github.com/tabdeelstudios/blackbucks-iidt-internship-full-stack-feb-2024
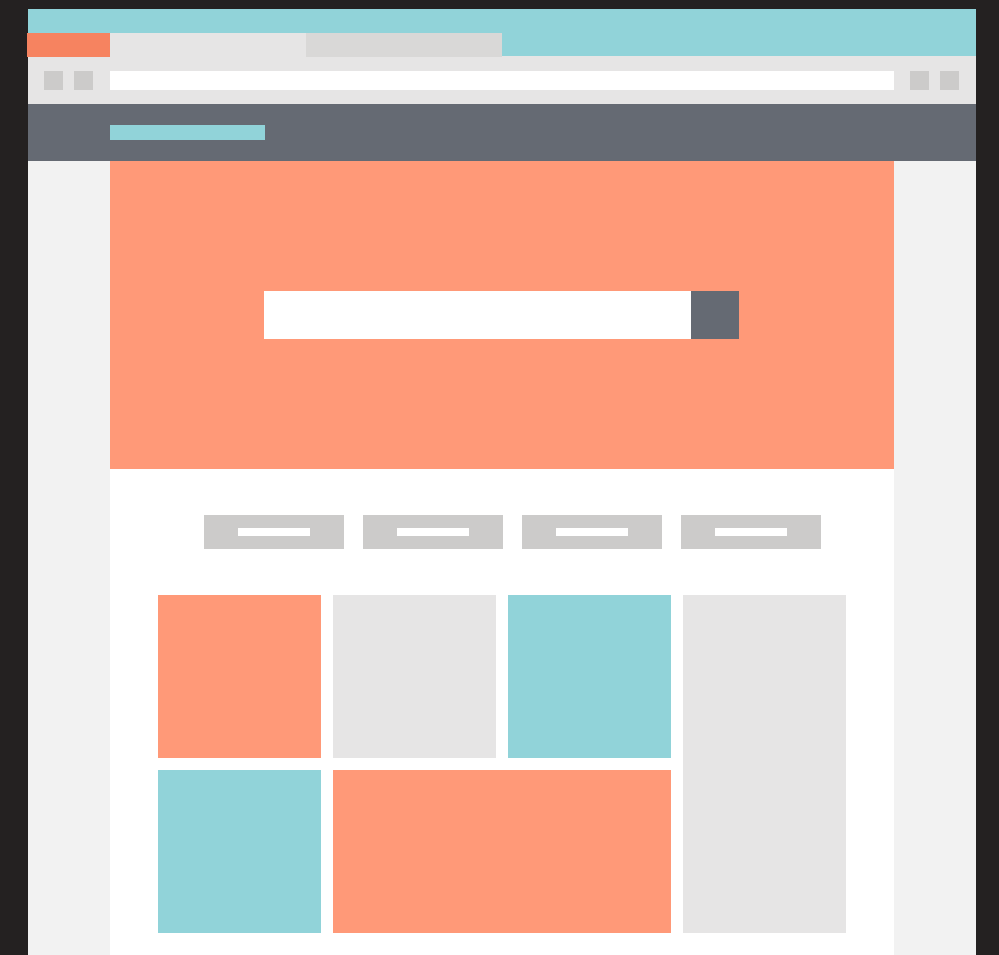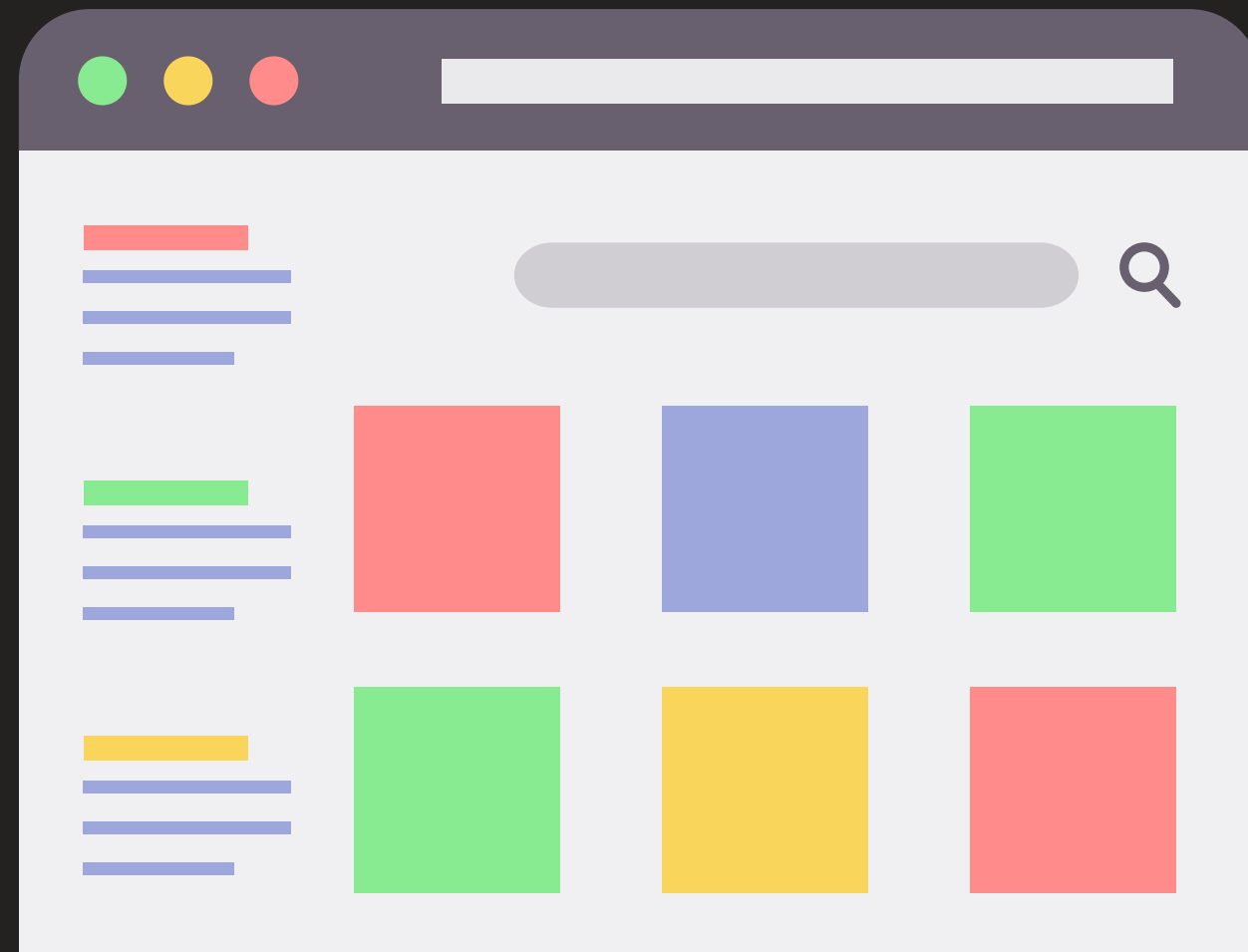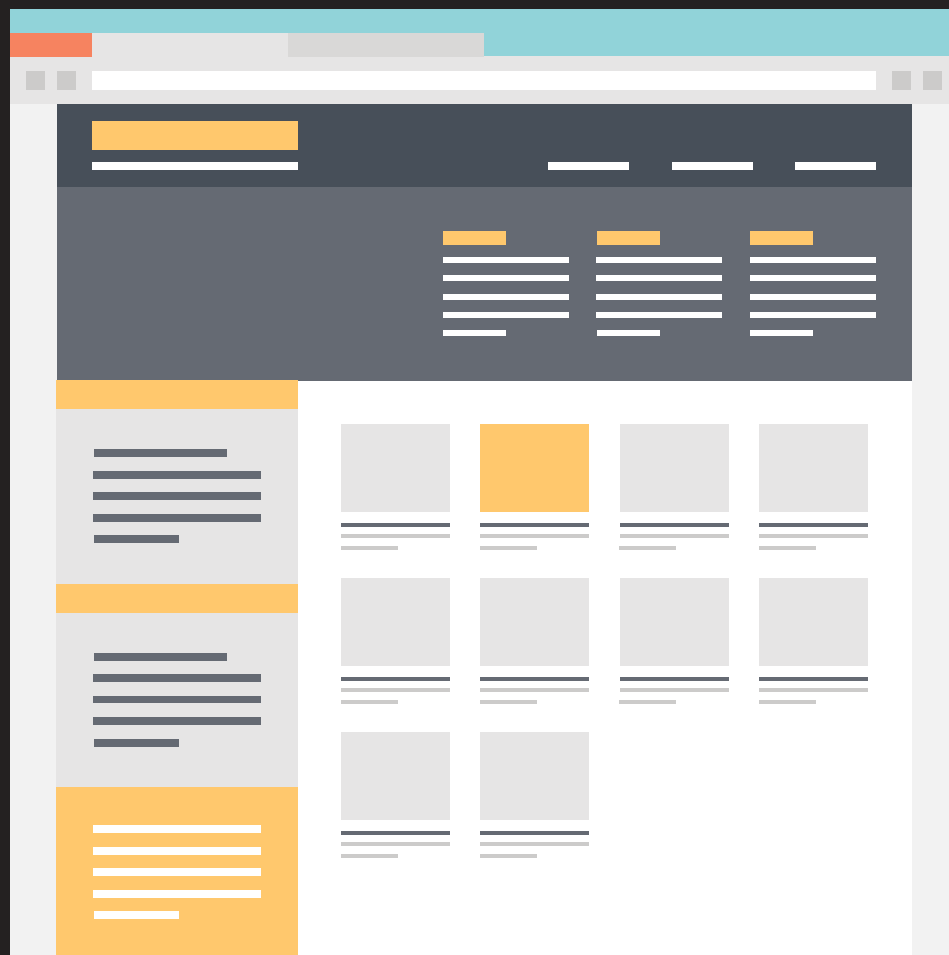
Session Agenda

DOCUMENT OBJECT MODEL

- Recap
- Let's Code
- Event Handling in JavaScript
- Working with JSON data
- API Calls

The Document Object Model

DOCUMENT

Root Ememt
<html>

element: <head>

element: <body>

element: <title>

<meta>

element:
<div>

element:
<a>

<link>

element:
<h1>

attribute:
href

text:
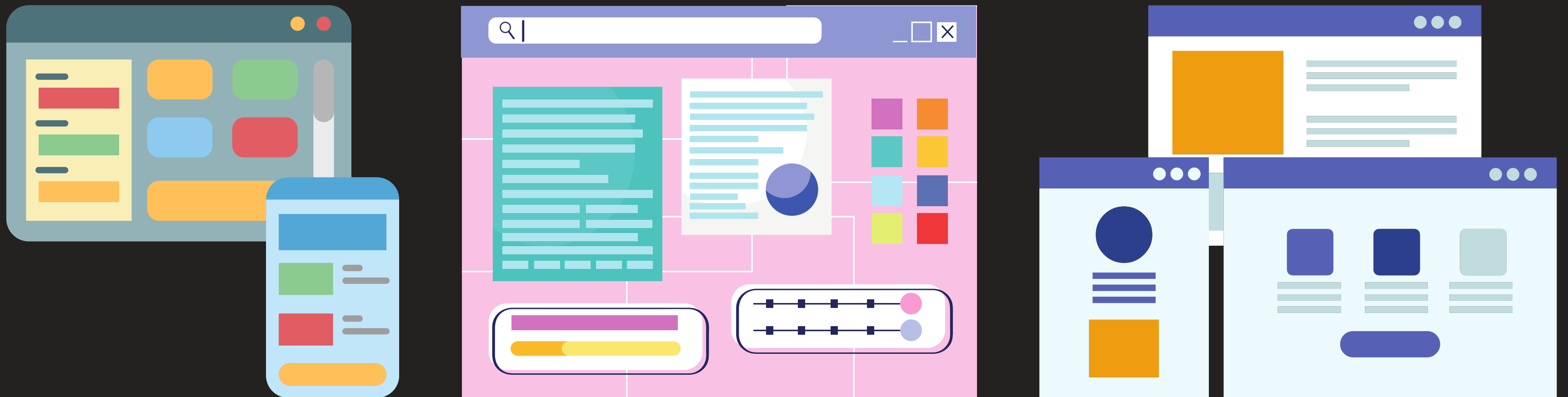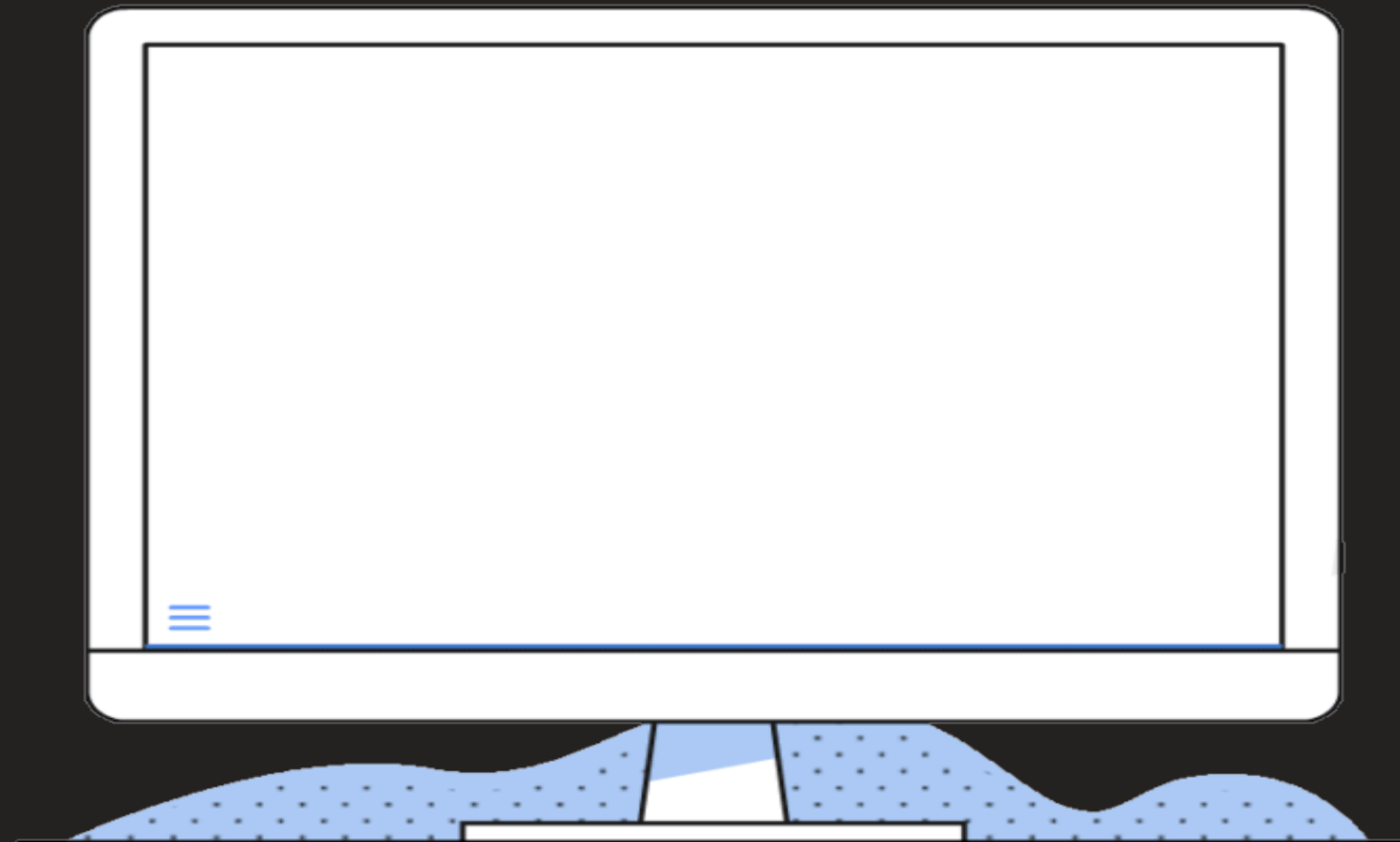link text

Manipulating HTML with Javascript

Manipulating CSS with Javascript

Event Handling

Alerts and Prompts

Creating new elements with Javascript

#LetsCode

Create your Todo-List

What are your tasks for today?   Add

Design a website   EDIT   COMPLETED   DELETE

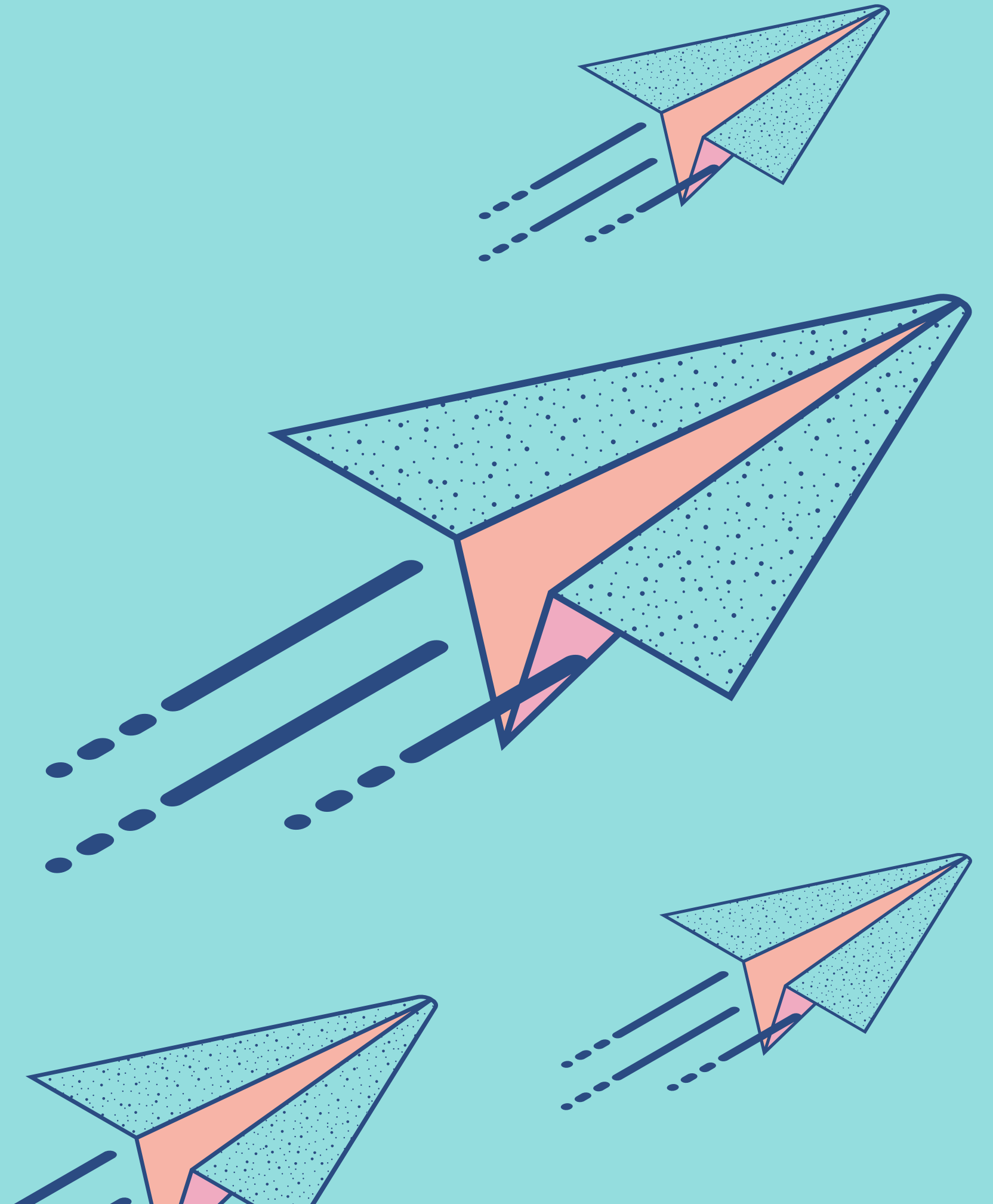Develop the website   EDIT   COMPLETED   DELETE
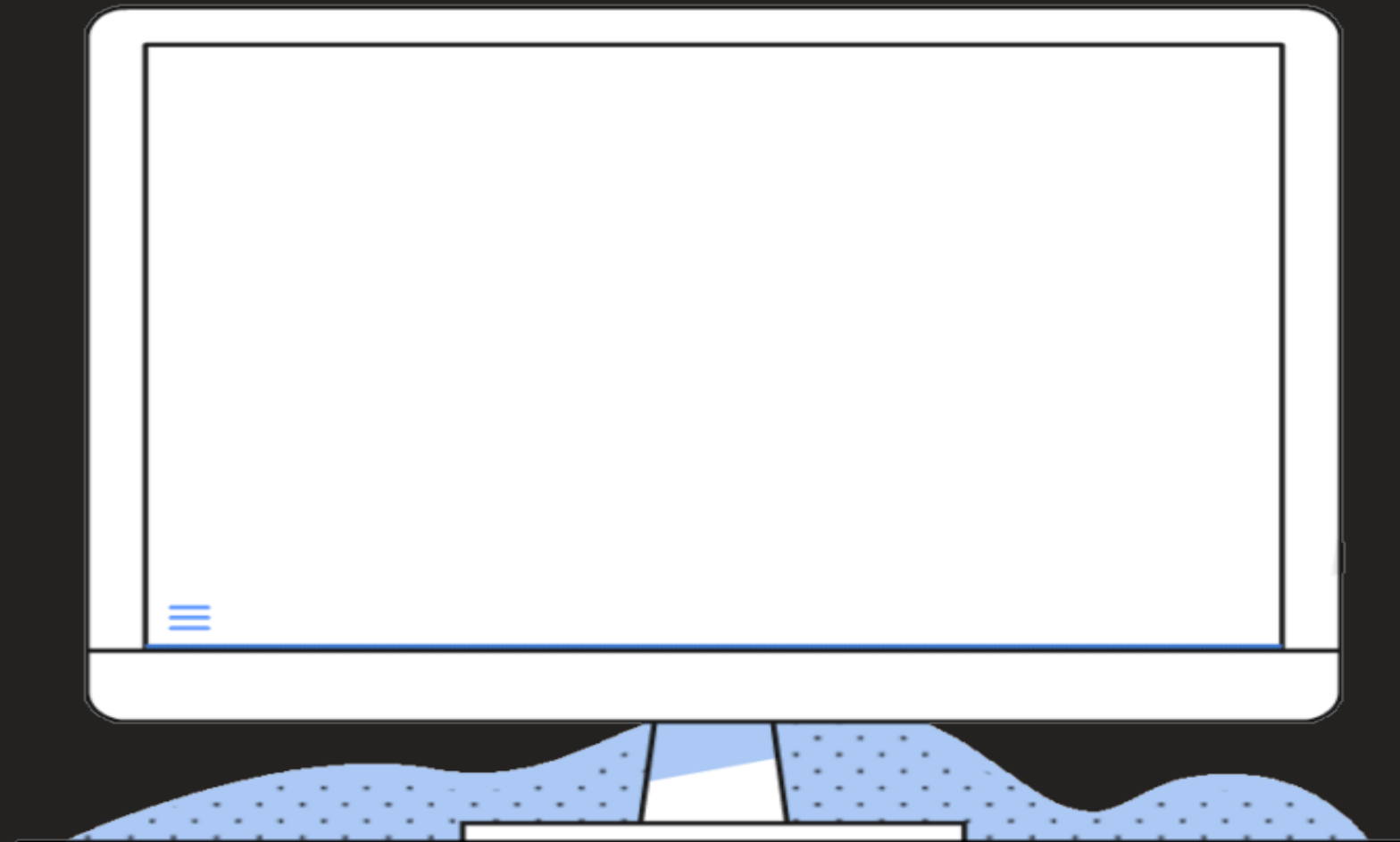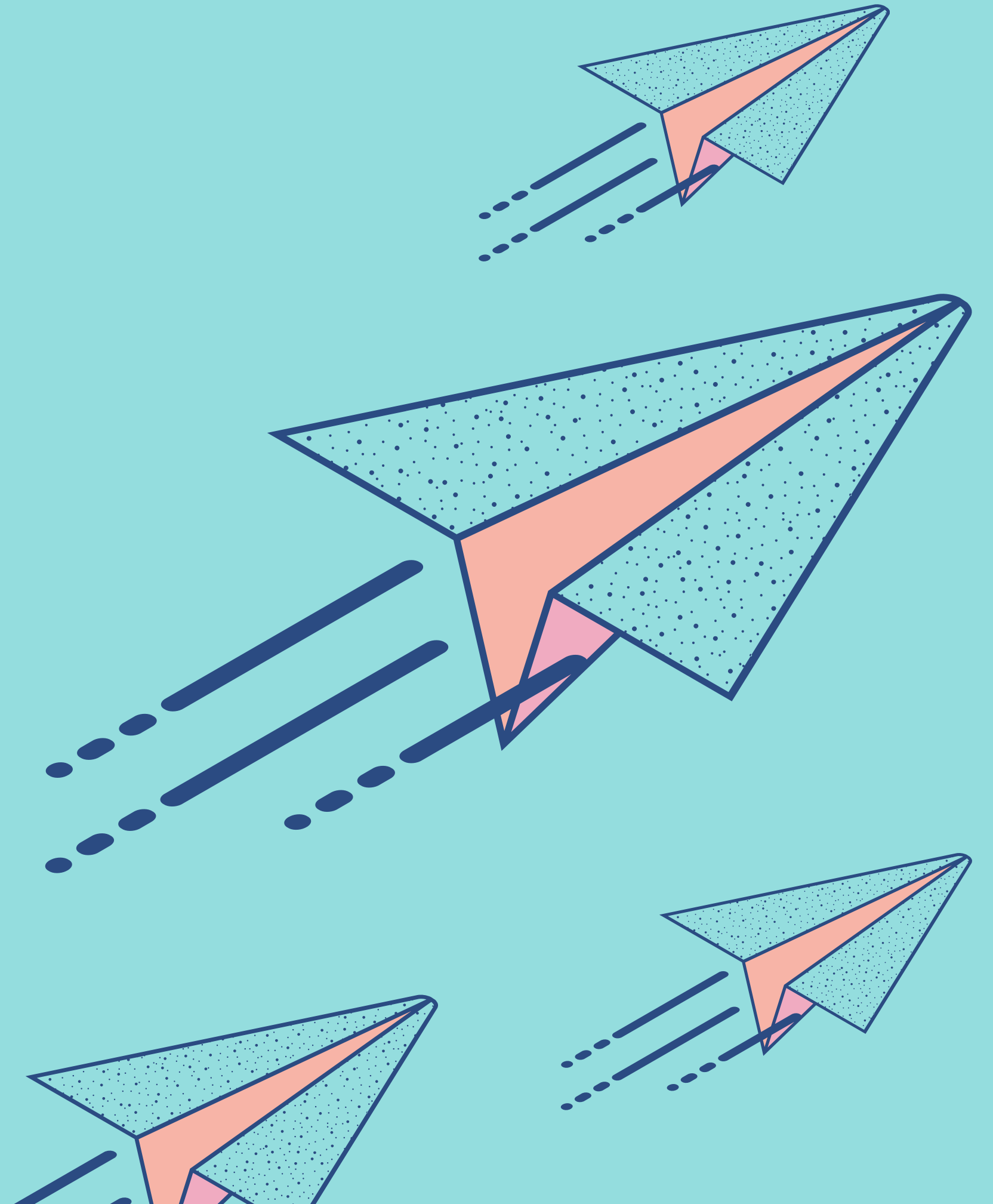
Publish the website   EDIT   COMPLETED   DELETE
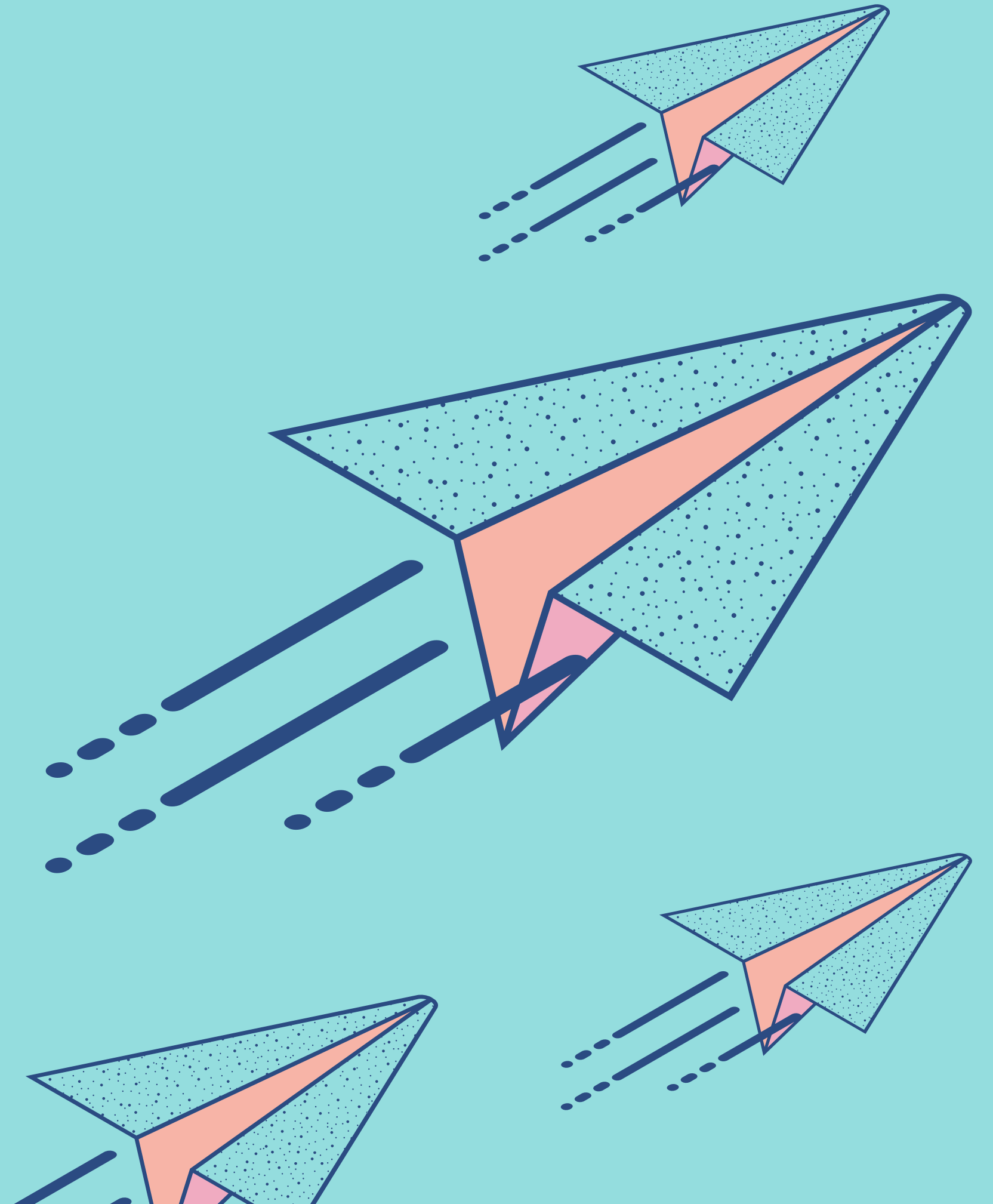
Do you have
any questions?

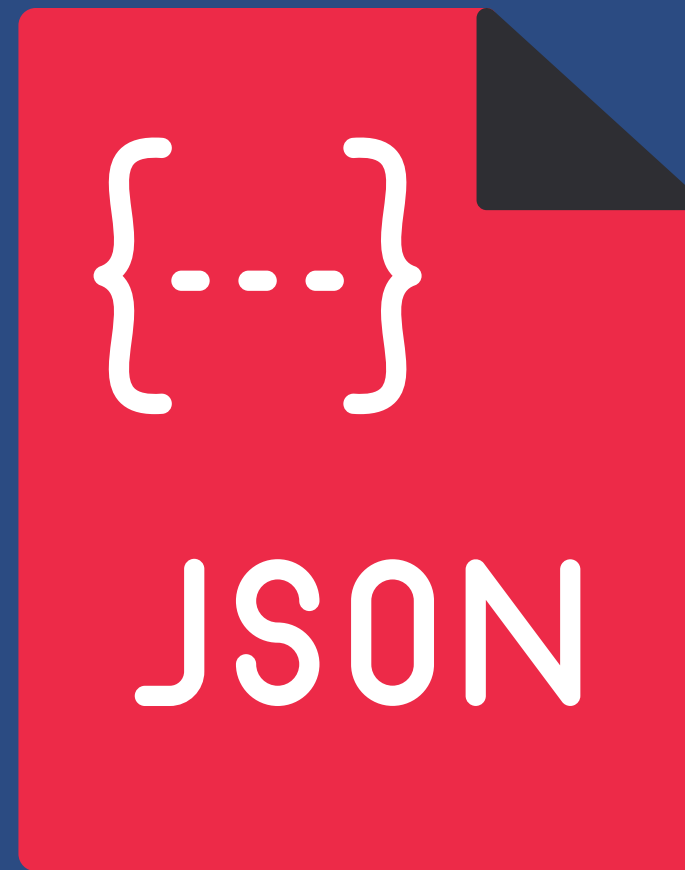# Event Handling - v2

Do you have any questions?

Application Programming Interface

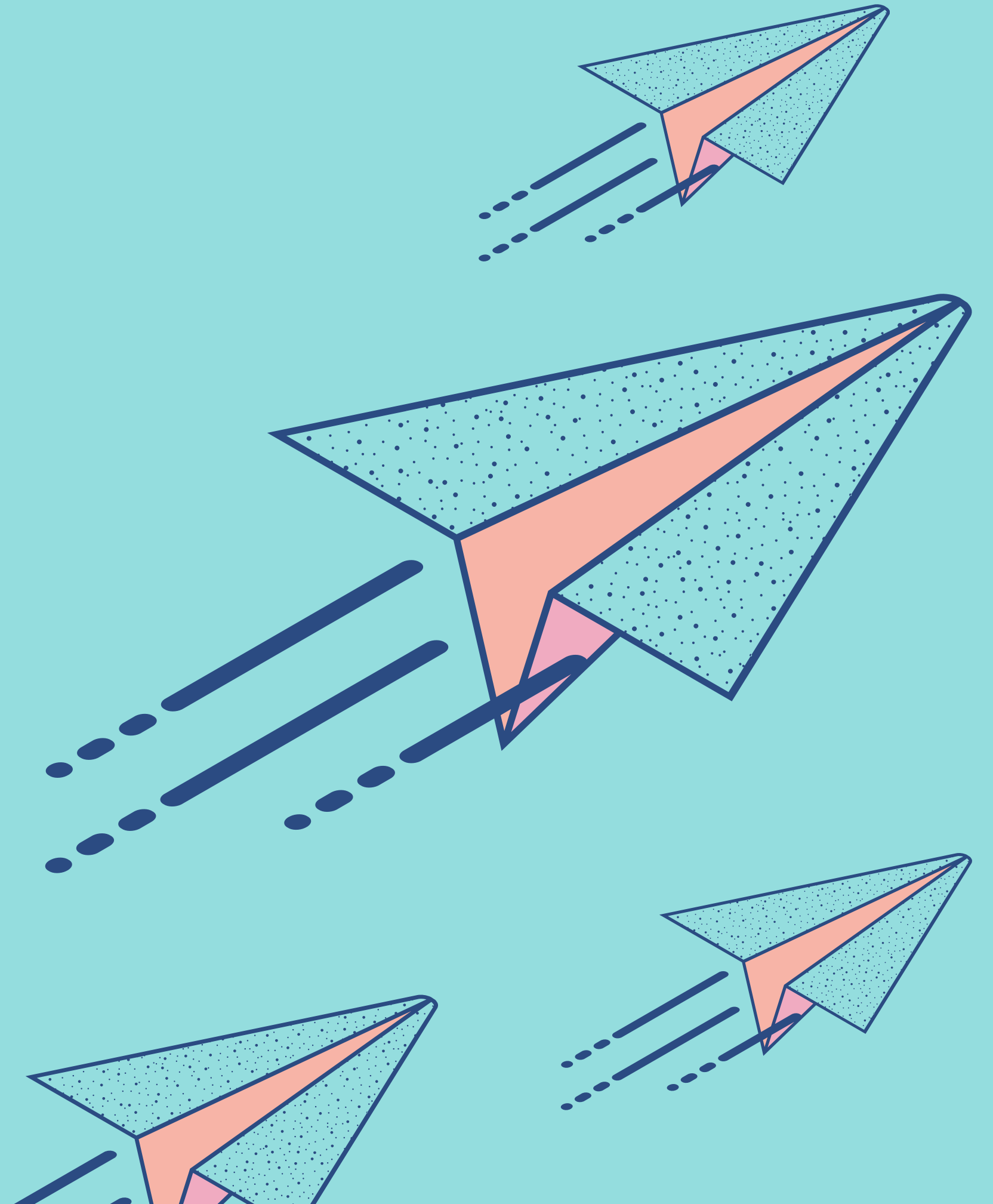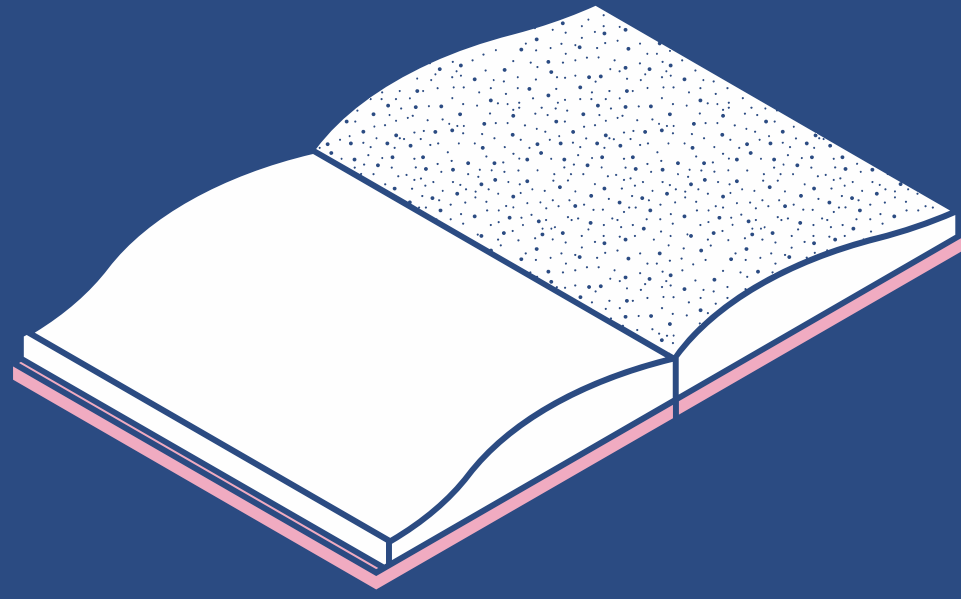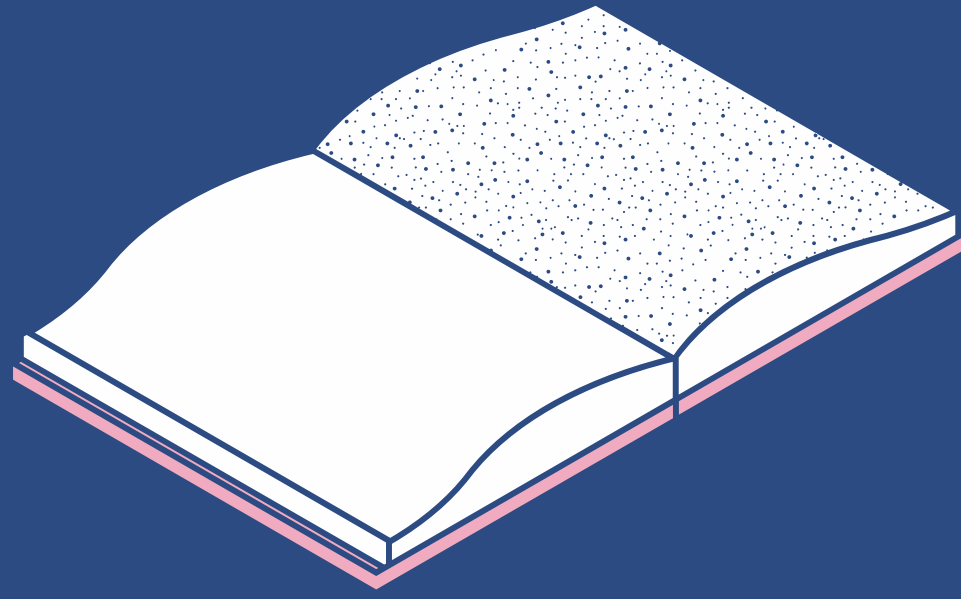# Do you have
any questions?

JSON Data

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any questions?

What is the purpose of the addEventListener method in JavaScript?

1. To create a new event
2. To register an event handler function for a specified event on a DOM element
3. To trigger an event manually
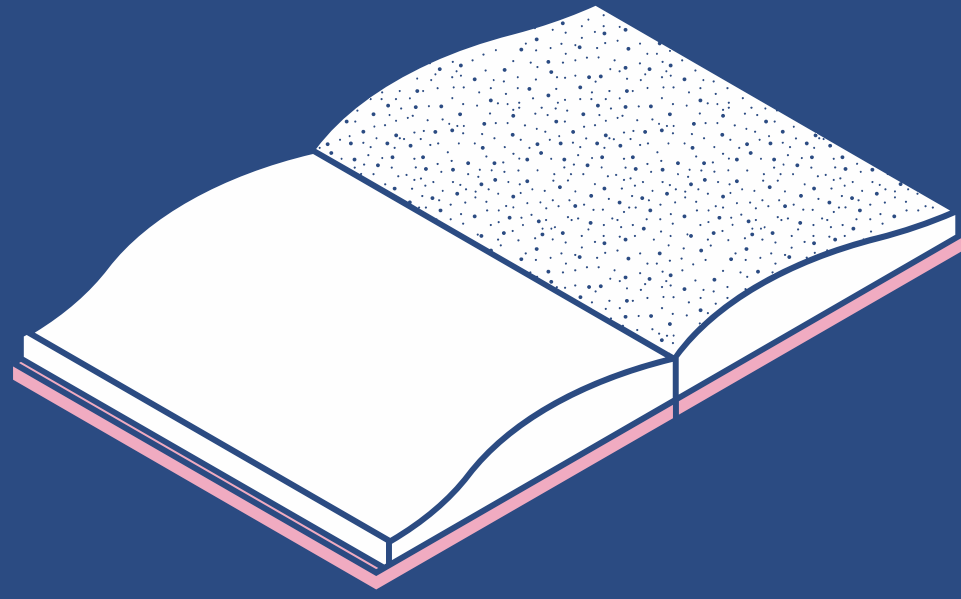4. To remove an event handler from an element

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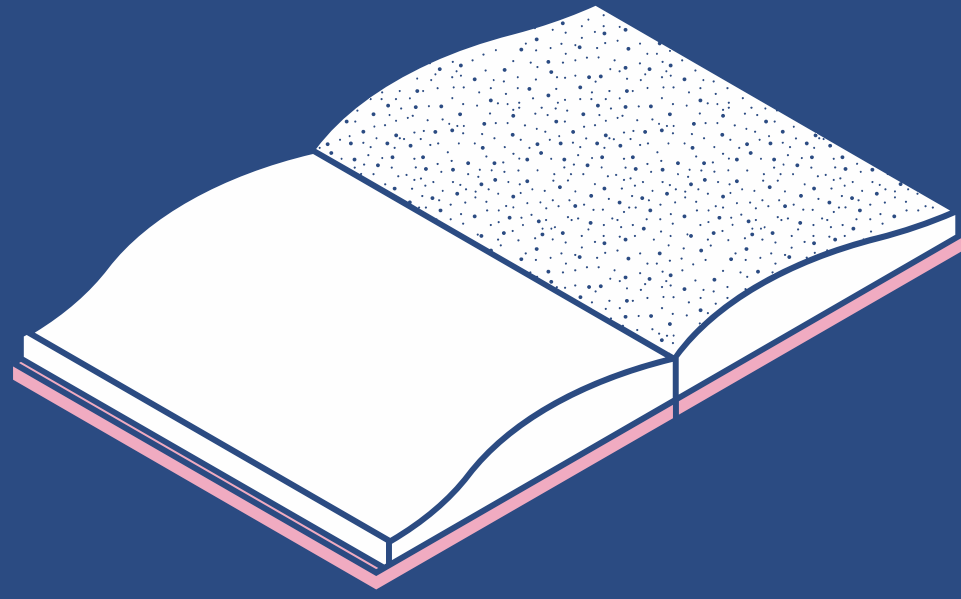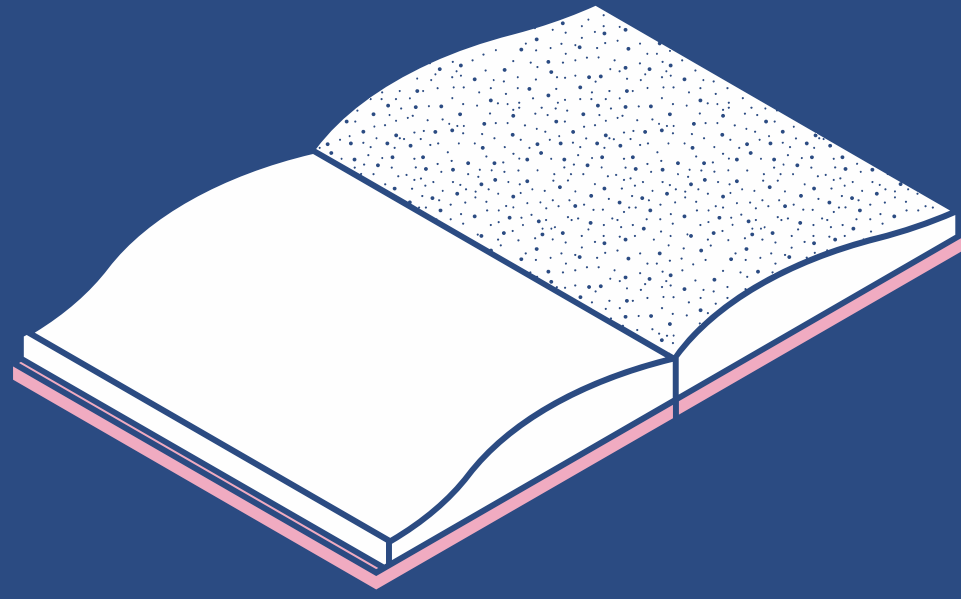4. To remove an event handler from an element

How can you parse a JSON string in JavaScript?

1. parseJSON()
2. eval()
3. JSON.parse()
4. stringify()

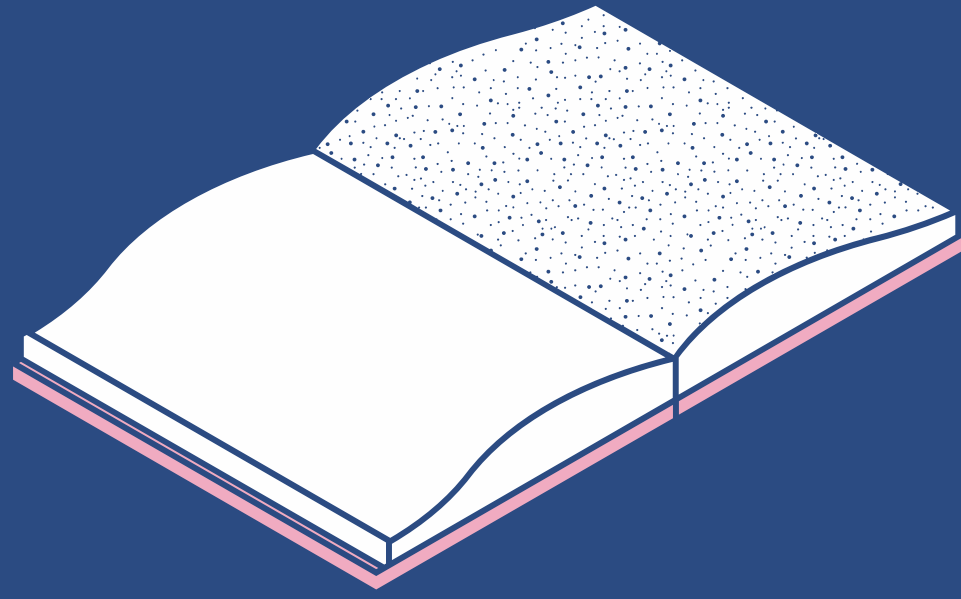# How can you parse a JSON string in JavaScript?

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4. send()

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