



**BLACKBUCK**  
ENGINEERS



# The MERN Development Lab

Session 11 - JavaScript Fundamentals

BY AQUIB AJANI



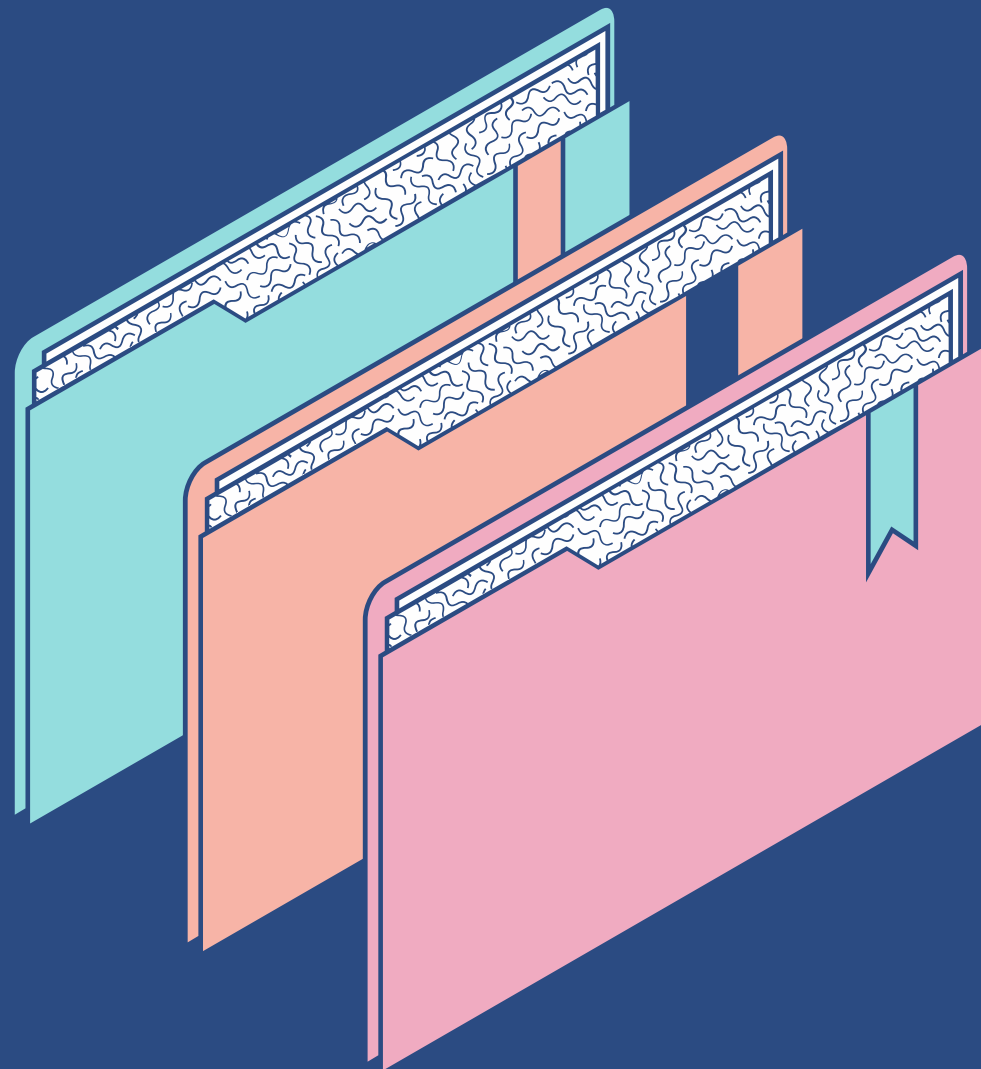
**BLACKBUCK**  
ENGINEERS



**GitHub**  
**Repository**

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

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# Session Agenda

## JAVASCRIPT FUNDAMENTALS

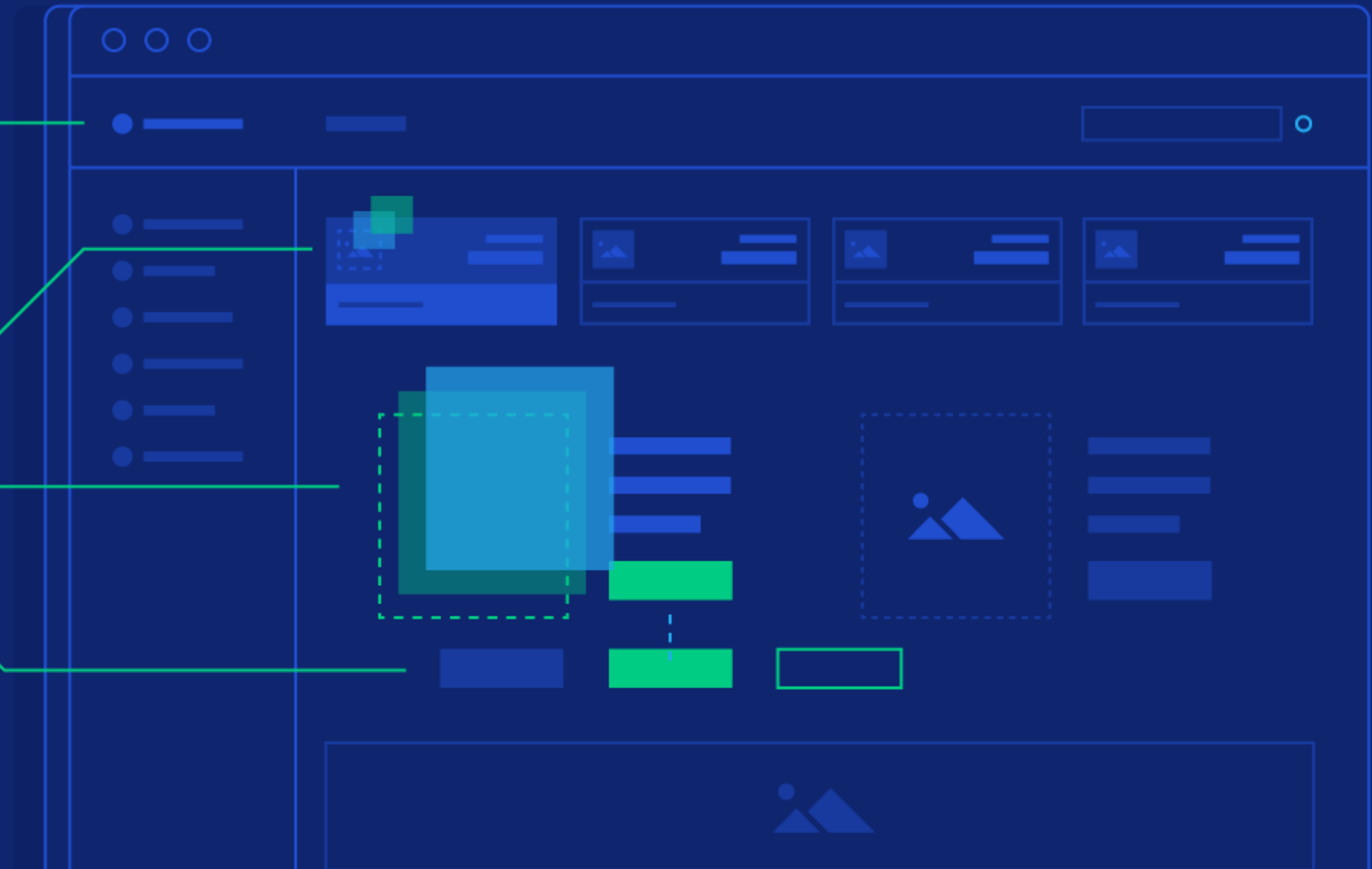
- Recap
- What is JavaScript?
- Chrome Developer Tools
- Running JavaScript in the Browser
- Writing scripts in VS Code
- Embedding JS into HTML
- Data Types and Variables

# Responsive Design





**Bootstrap**



# What is JavaScript?

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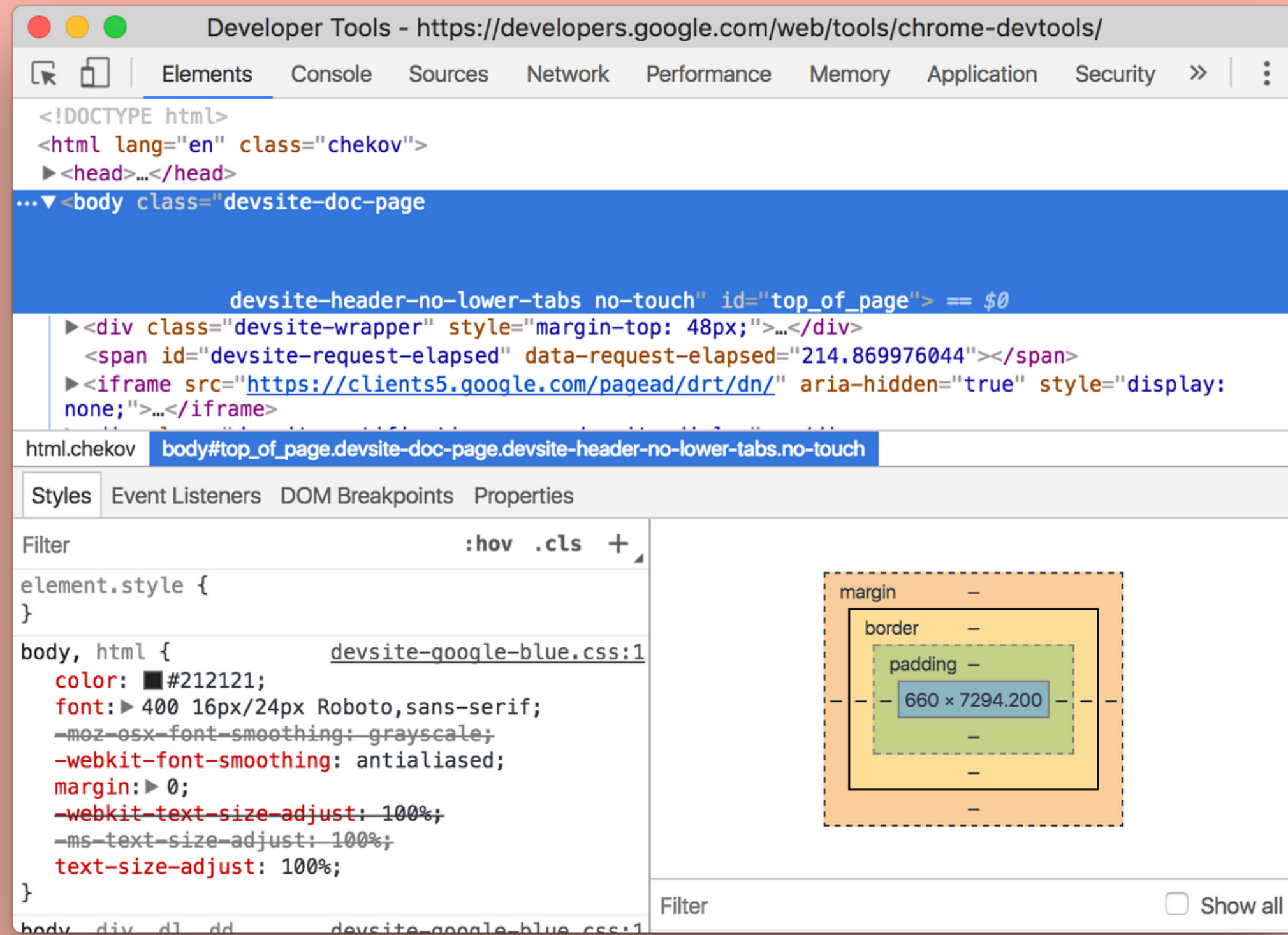




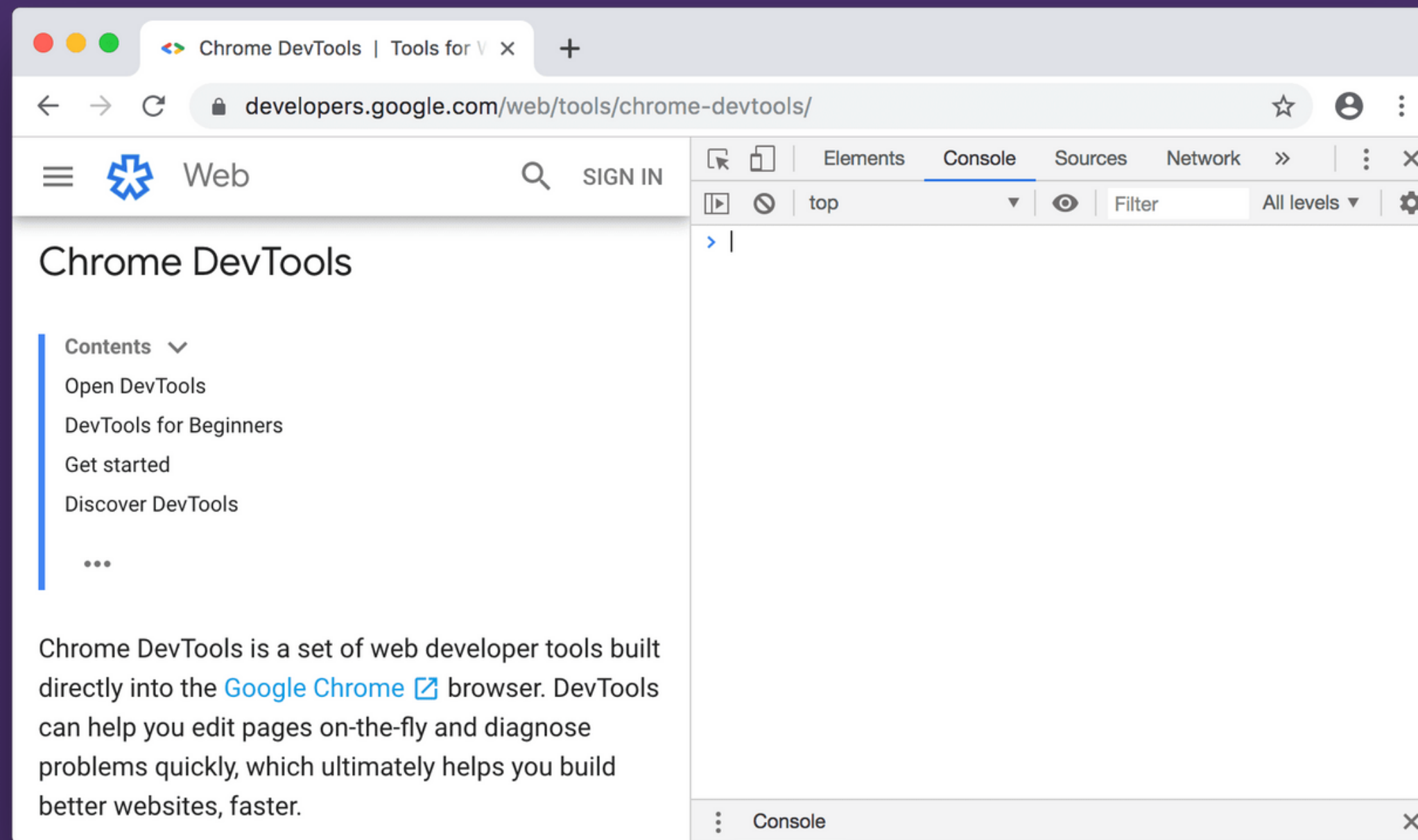
# What is JavaScript?



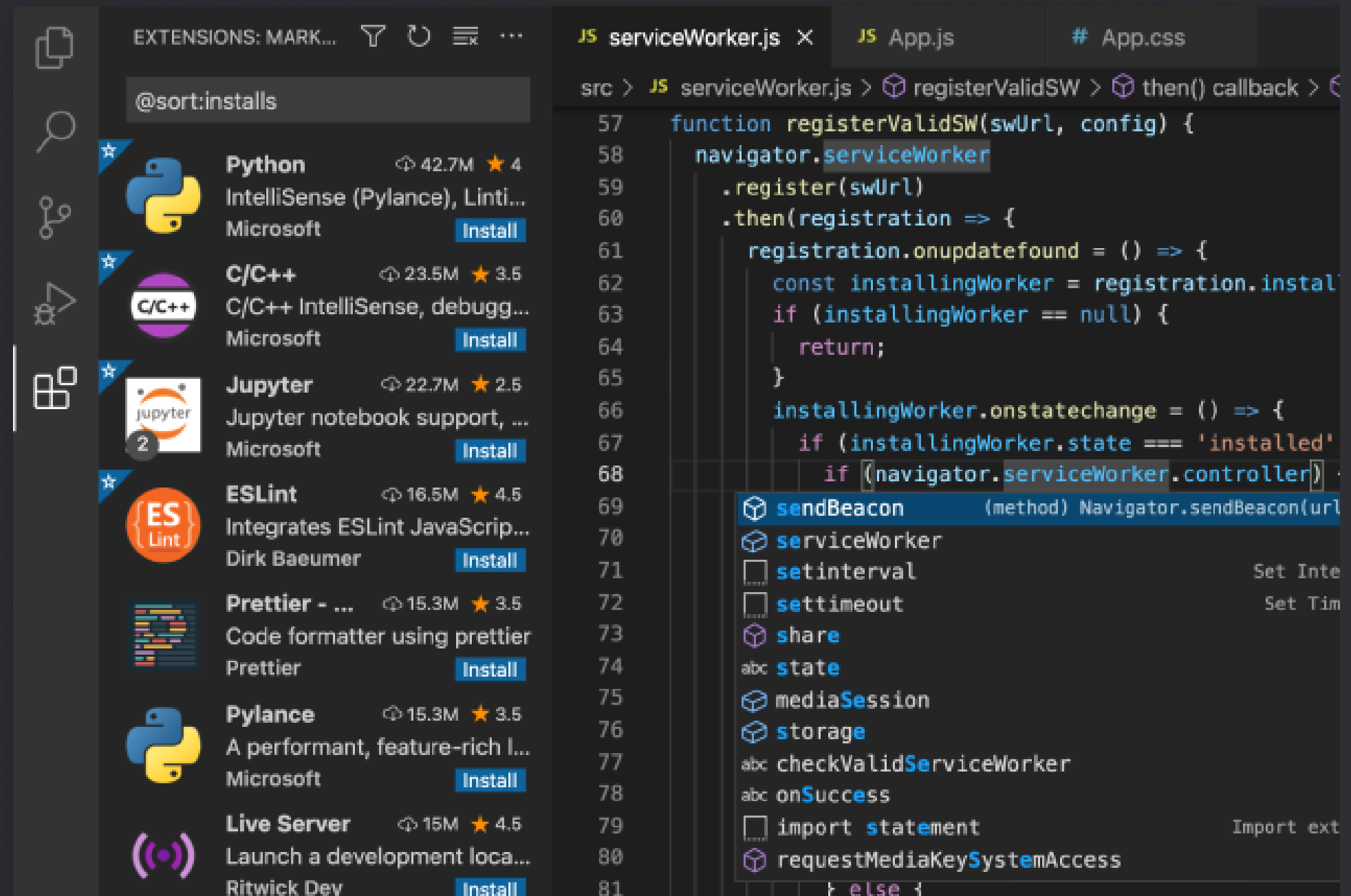
# Chrome Developer Tools



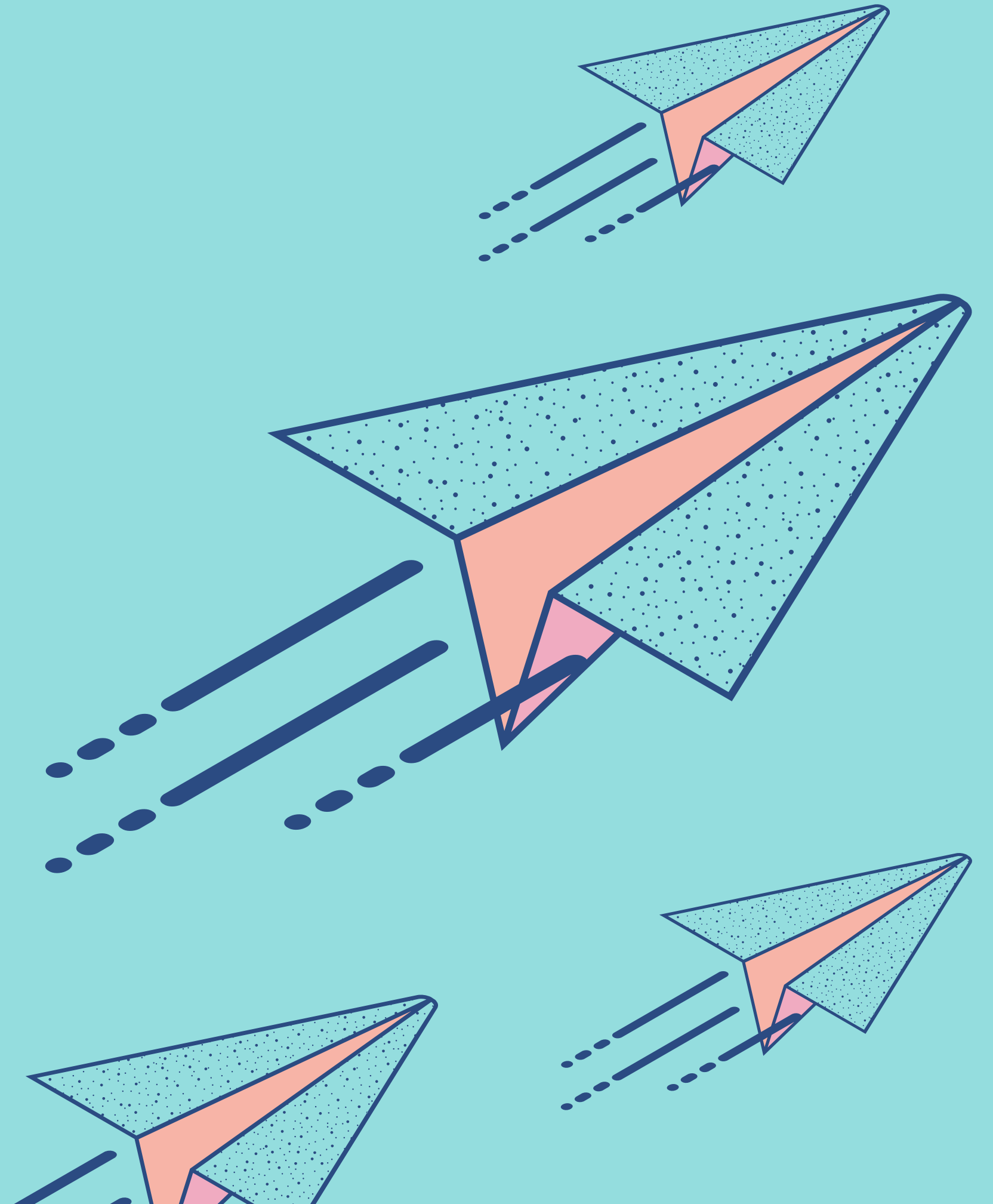
# The Console



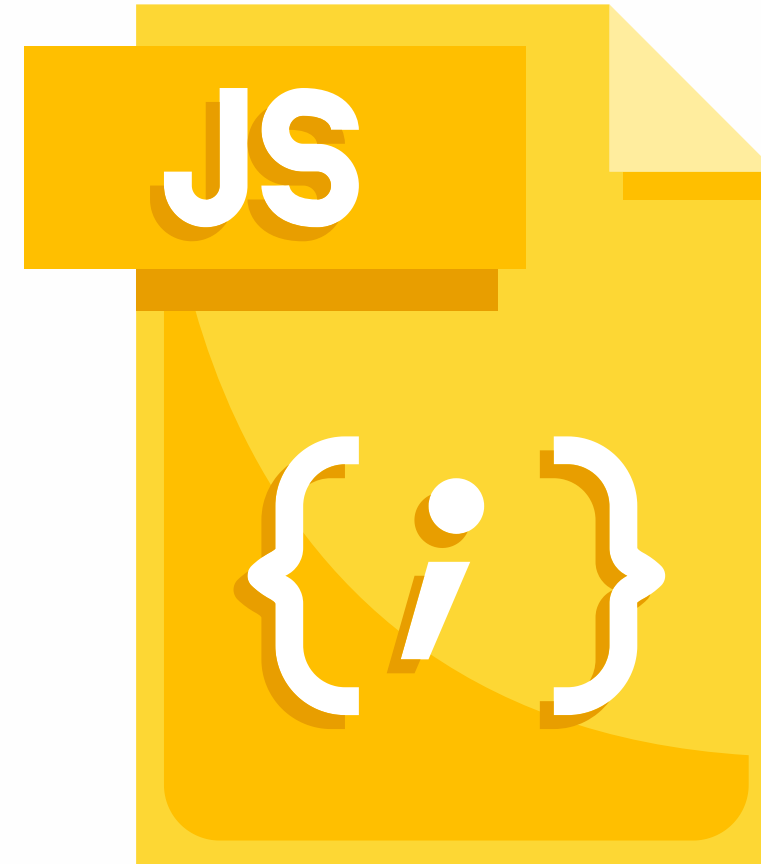
# Writing Scripts in VS Code



**Do you have  
any questions?**



# HTML + JavaScript



# Data Types

**Data Types**

**Number**



# Data Types

Number

String

# Data Types

Number

String

Boolean

# Data Types

Number

String

Boolean

Object

# Variables

# Variables

**var**

# Variables

**var**

**let**

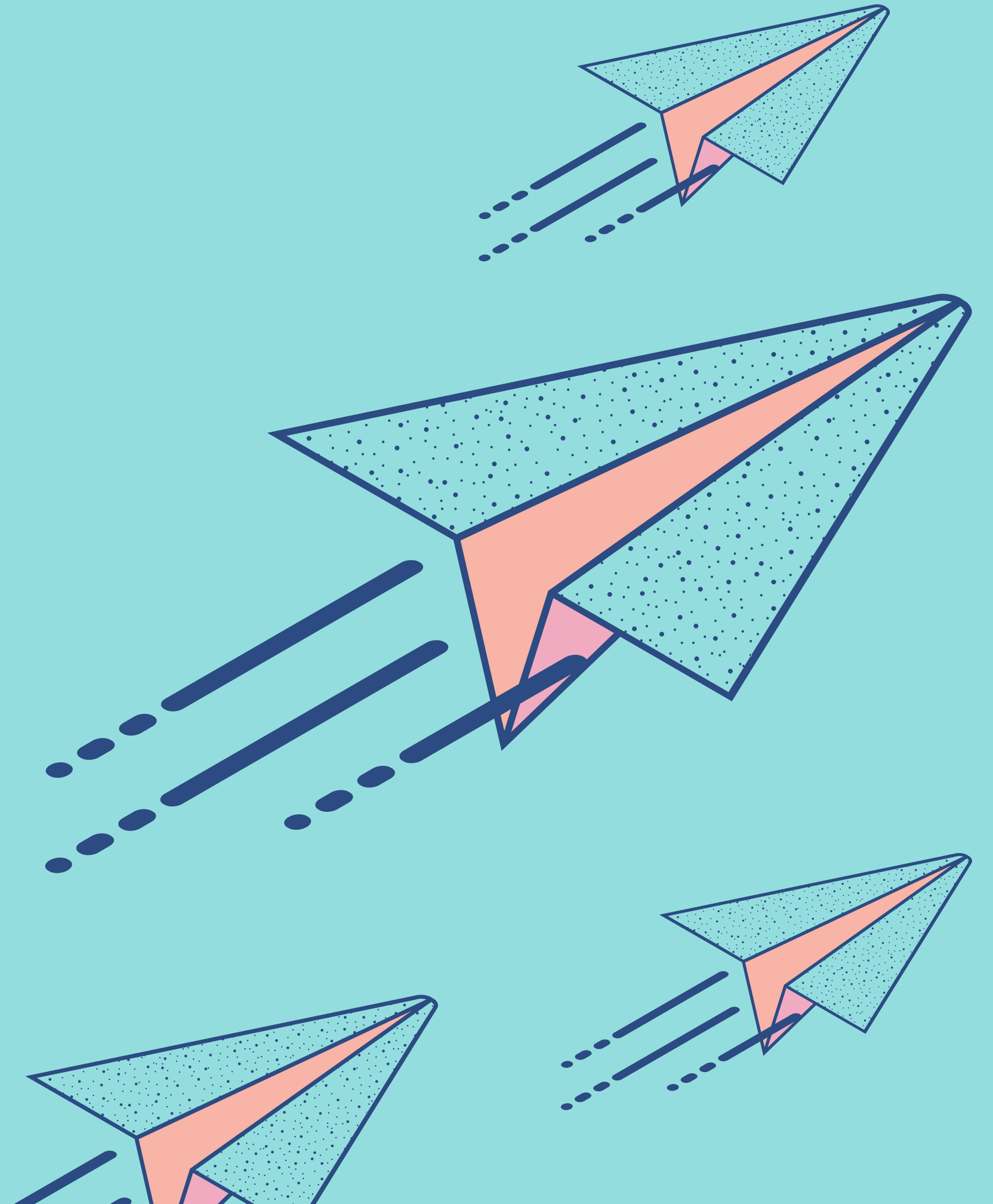
# Variables

**var**

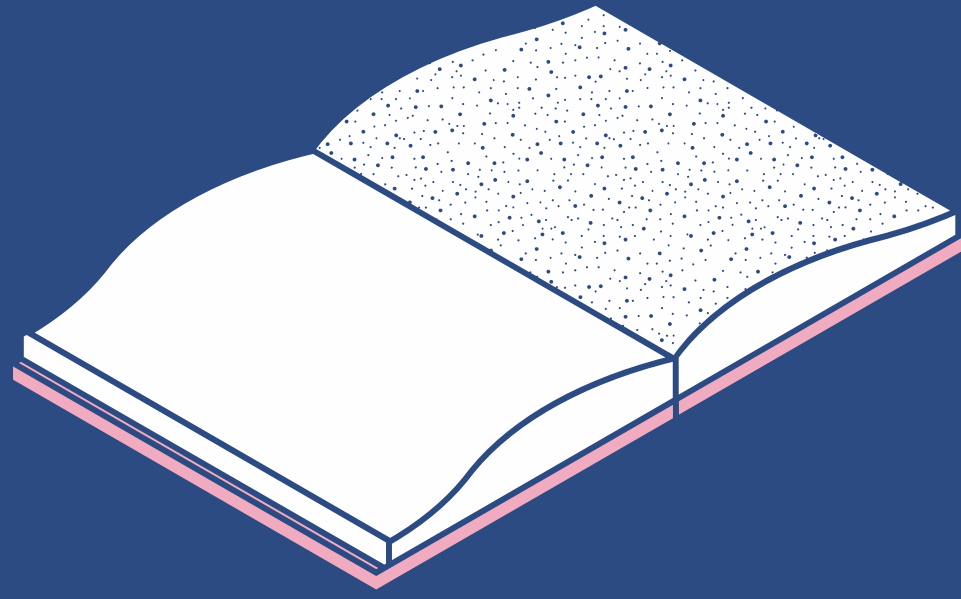
**let**

**const**

**Do you have  
any questions?**

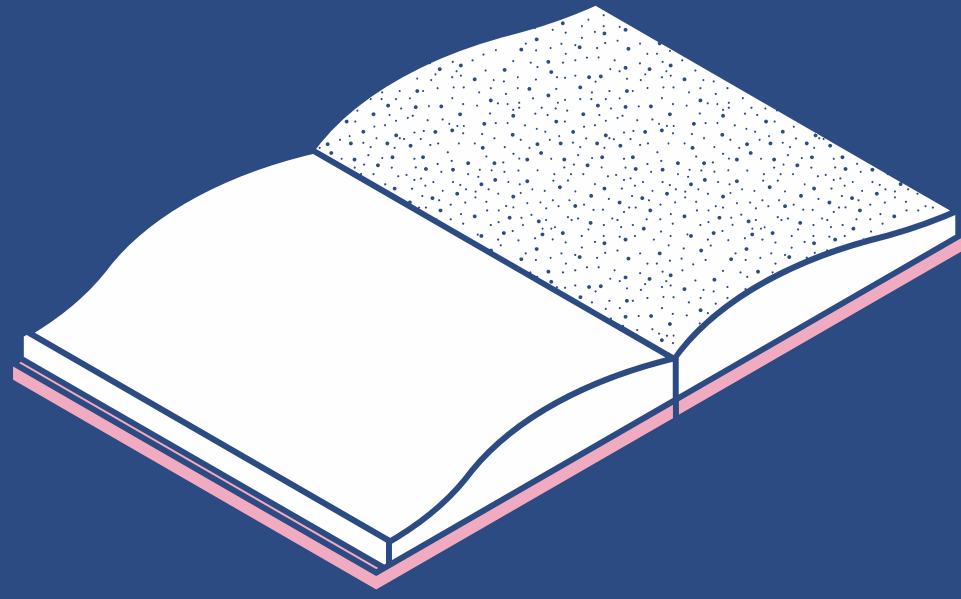






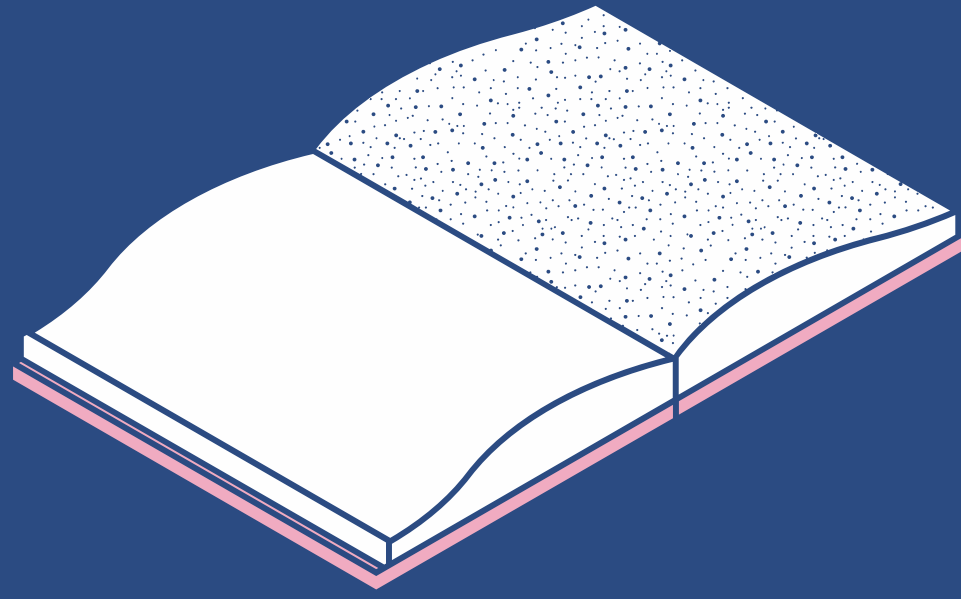
**Which data type represents a collection of key-value pairs in JavaScript?**

- 1.array
- 2.object
- 3.function
- 4.date



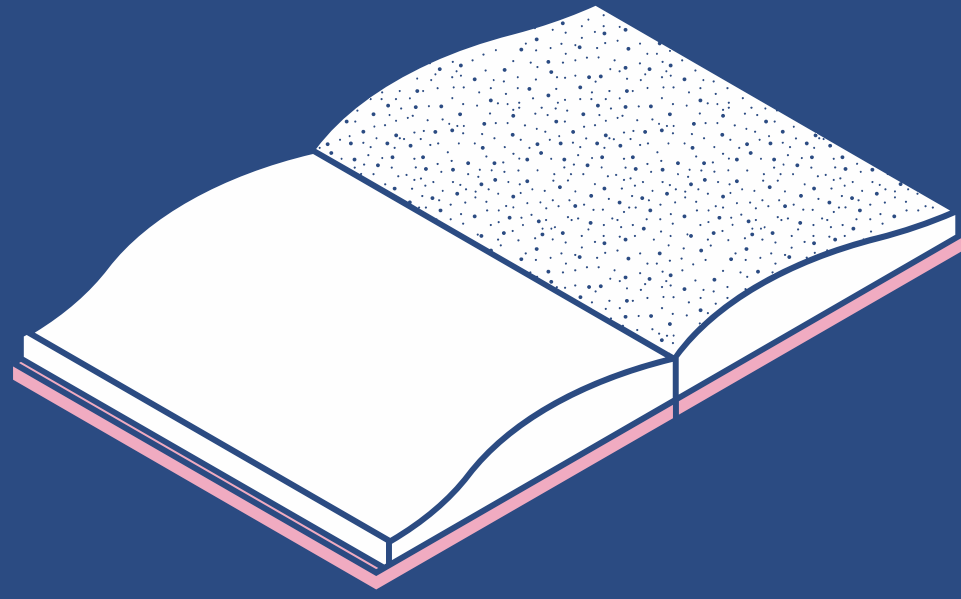
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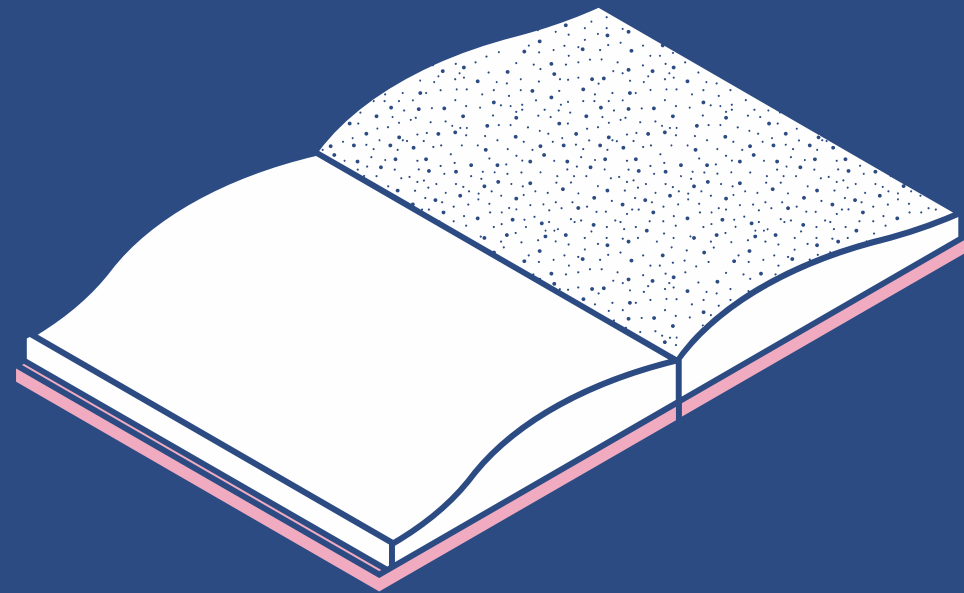
# What is the purpose of the `const` keyword in JavaScript?

1. Declares a variable that can be reassigned
2. Declares a constant variable with block scope
3. Declares a variable with global scope
4. Declares a variable without any scope



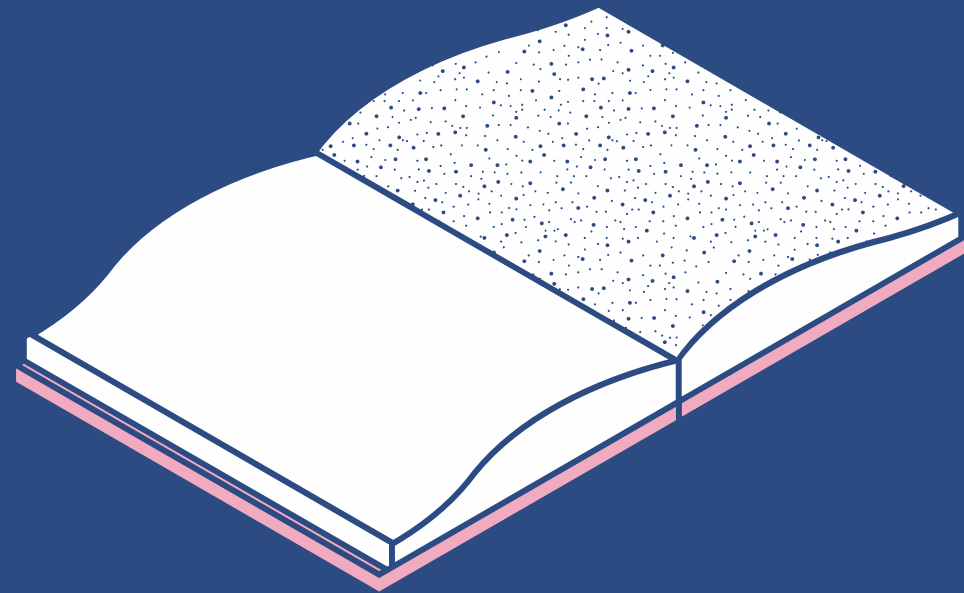
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4. Declares a variable without any scope



**Which keyword is used to  
declare block-scoped  
variables in JavaScript?**

1. var
2. let
3. const
4. type



Which keyword is used to  
declare block-scoped  
variables in JavaScript?

1. var

2. let

3. const

4. type