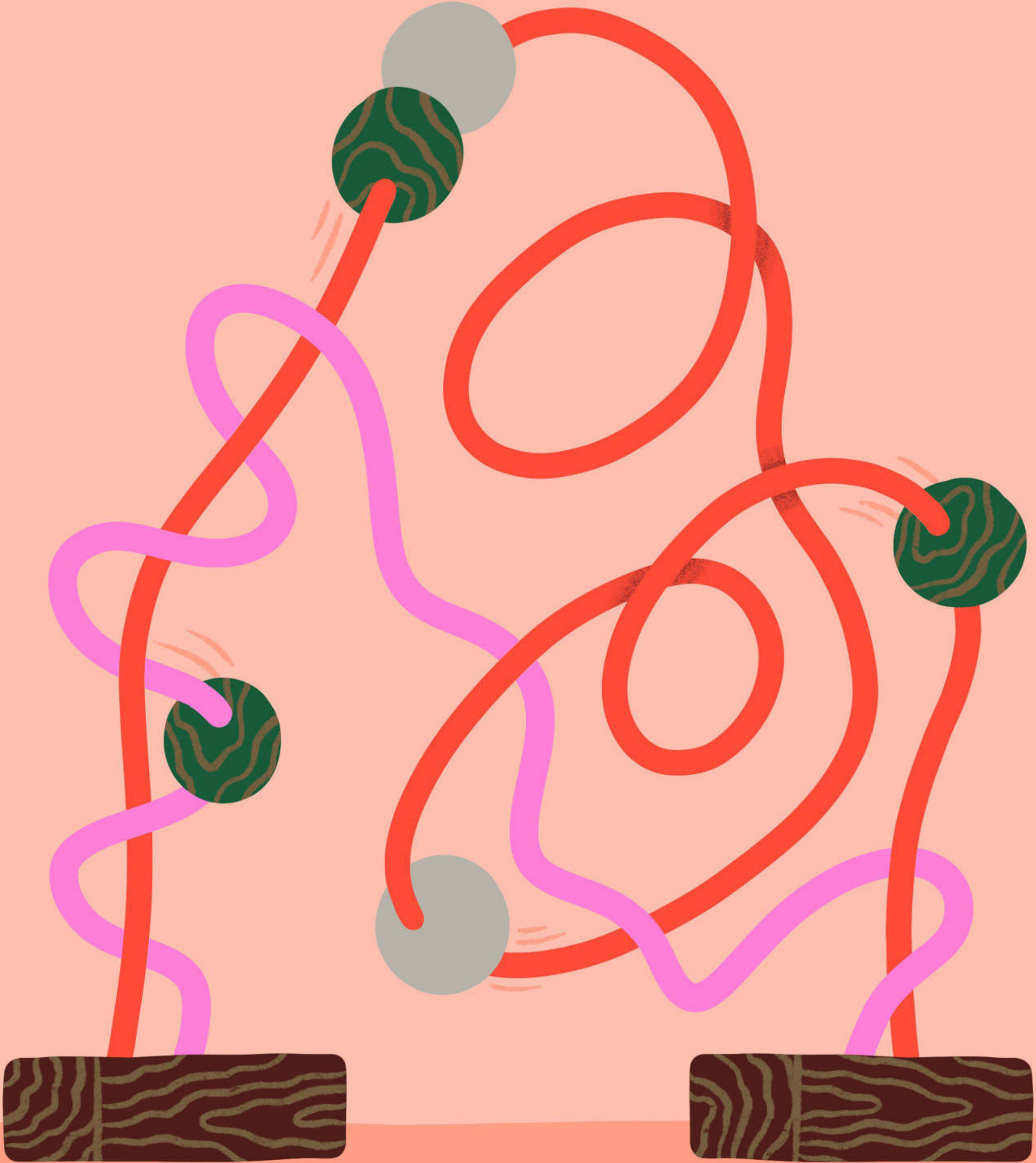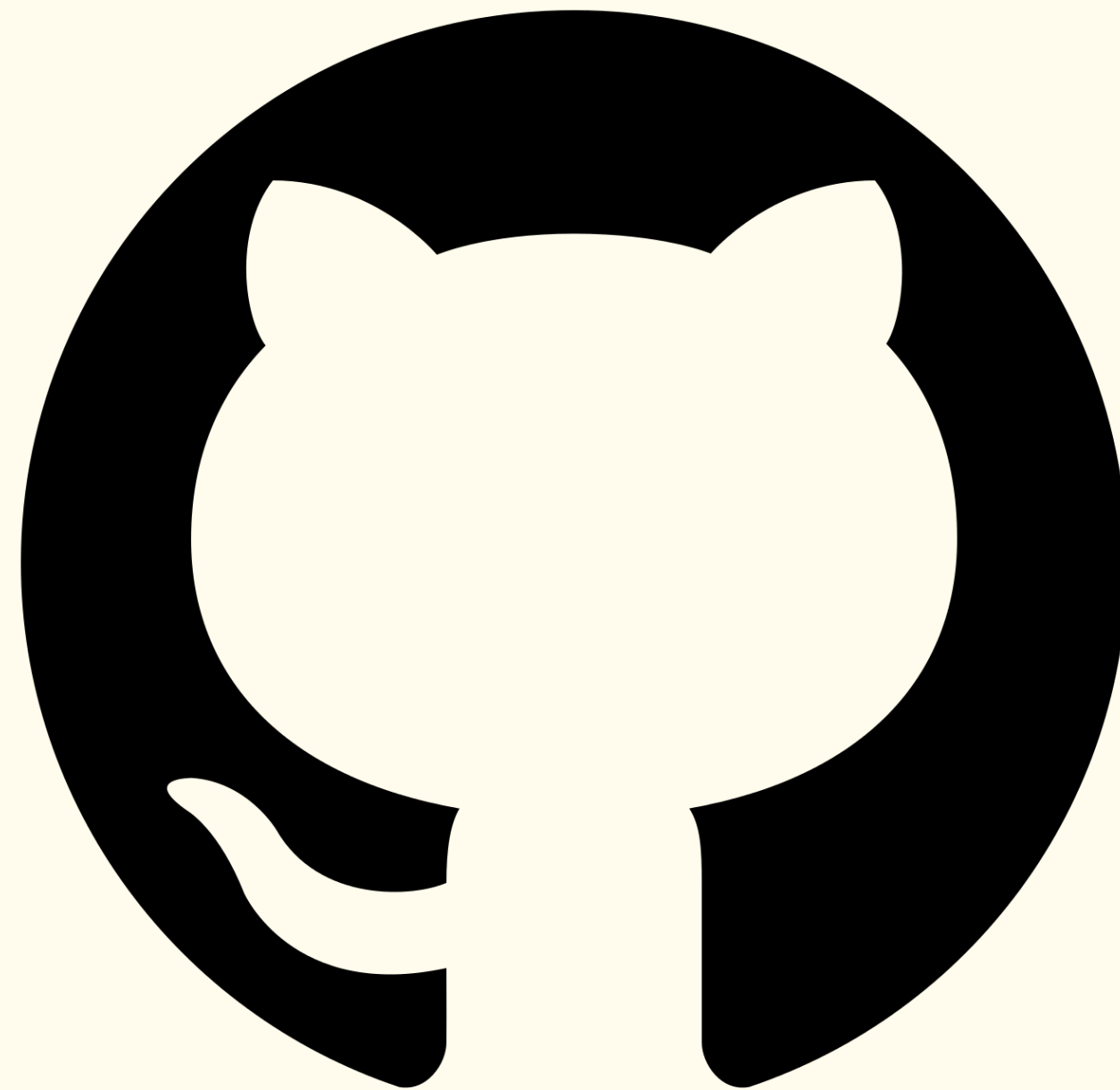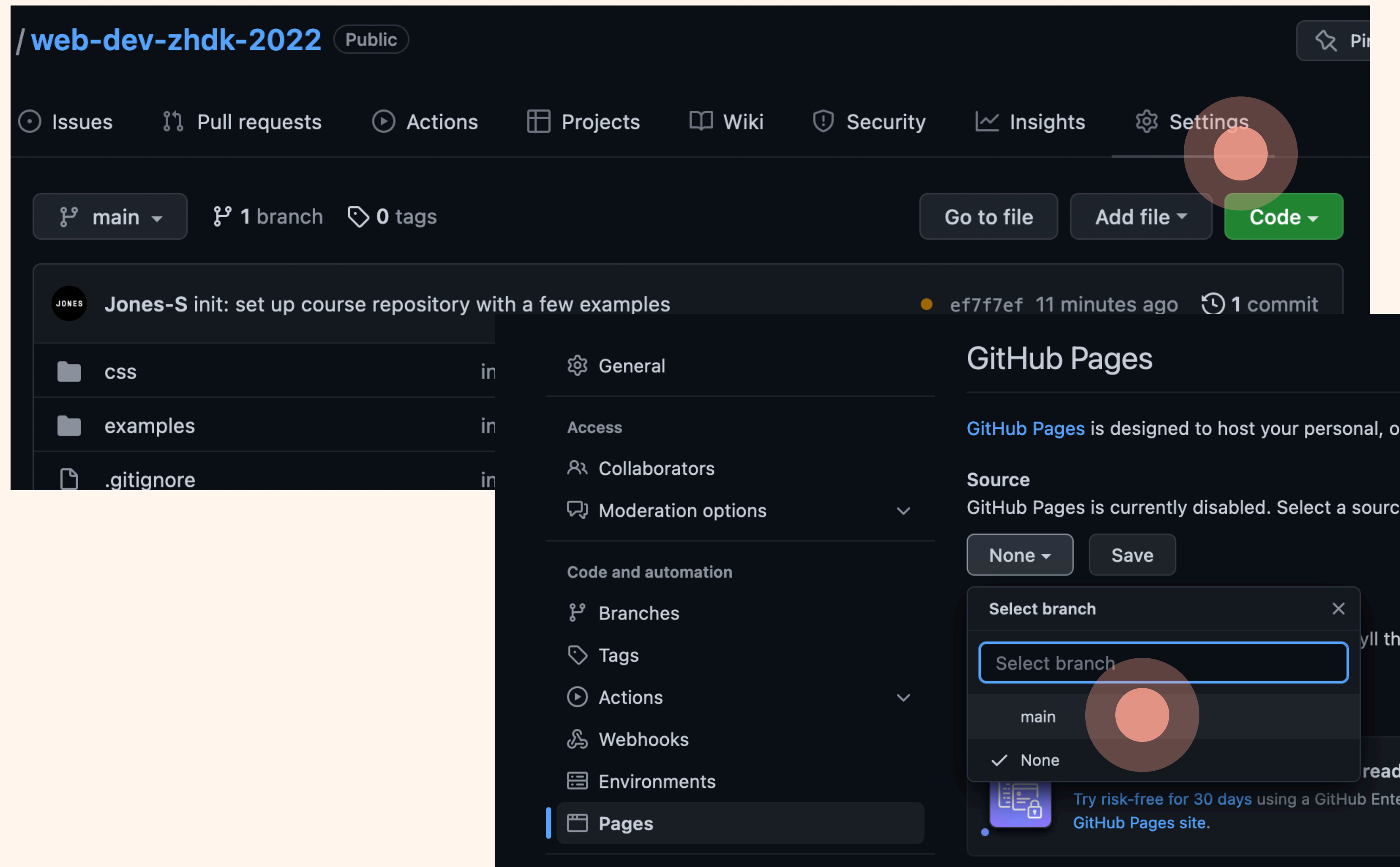Bits & Atoms II

JavaScript

Github Pages

Hosting a website on Github

Github Repository
→ Settings
→ Pages
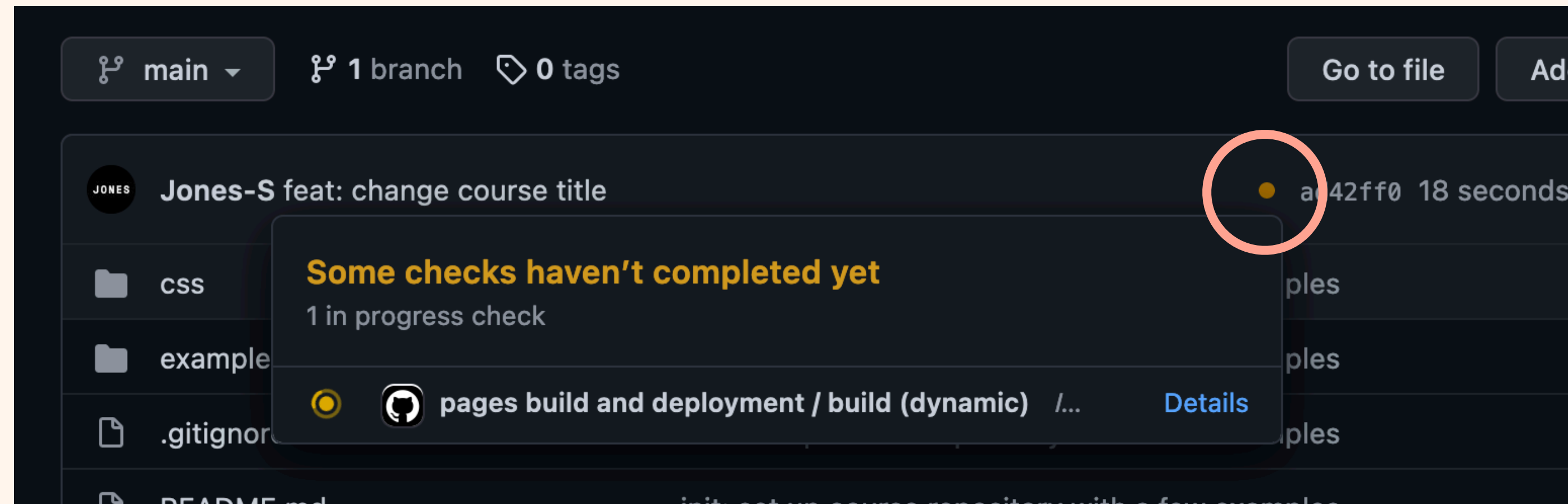
Select source branch (main) and folder. Done.

Hosting a website on Github

Site still not online?

Site is deployed on your next "push".

The build might take a bit of time, but after completion you can access your page at:

https://USER-NAME.github.io/REPO-NAME/

Bits & Atoms II

JavaScript

- https://javascript.info/
- Chapters:
  - 2.1 Hello world!
  - 2.4 Variables
  - 2.5 Data Types
  - 2.9 Comparisons
  - 2.10 Conditional branching: if
  - 2.11 Logical operators
  - 2.13 Loops While and for
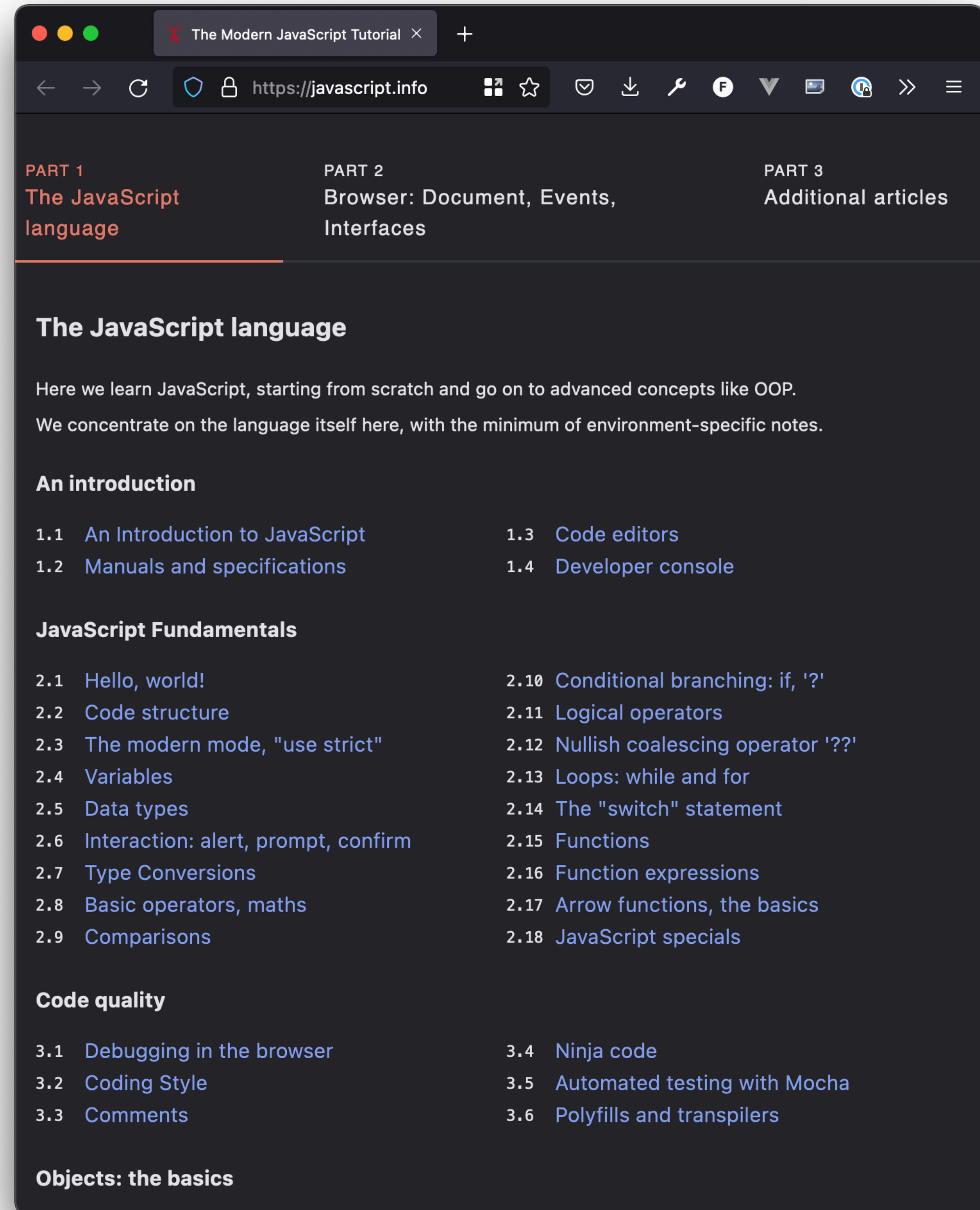
Topics

- How to **execute** JavaScript in the Browser?
- How to **console.log()** and **alert()**
- What are **Variables** and how to use them?
- How to write **comparisons**
- How to write conditional branching: **if**
- Using **Logical operators**?
- How to use **Loops**?
- What are **Objects**?
- What are **Arrays**?
- How to define **Functions**?
- Accessing/Navigating the **DOM**

Examples

Examples can be found at:
https://github.com/Jones-S/web-dev-zhdk-2022/tree/main/examples/09-javascript-basics

JavaScript:
https://github.com/Jones-S/web-dev-zhdk-2022/blob/main/examples/09-javascript-basics/main.js

Homework: Exercise 01

- Design and build a static item card with HTML and CSS.
- You are free about the content and the design.
- Restrictions:
  - Size: 300px * 540px
  - Centered (left/right)
  - margin-top: 40px
- → USE Template!
  https://github.com/Jones-S/web-dev-zhdk-2022/raw/main/templates/exercise-01.zip

My first tape

2Pac – All Eyez On Me

All Eyez on Me is the fourth studio album by American rapper 2Pac, and the last to be released during his lifetime.

Year: 1997   Duration: 1h 32min

Homework

- Mandatory submission to pass this course!
- Hand in a link to your GitHub pages page via https://docs.google.com/spreadsheets/d/11VEbOOS7pxGK1NhC9ZWvGv7nFEPro42Y7OOIYRQWXtI/edit?usp=sharing
  - Enter your Name, Link to your GitHub repository and to your html hosted via Github Pages.
- Submission until: Friday 20.05.2022, 24:00
  Late submissions will receive deductions!
- Grading will be based on:
  - Cleanness of code (indentation, spaces!)
  - Layout
  - Complexity (Extras welcome!)
  - GUI
  - Write down which parts of your code have been copy/pasted and indicate source in comment!