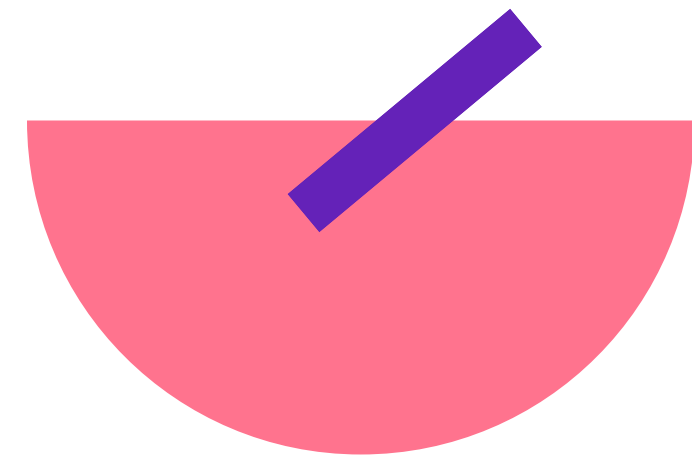# From Zero to Front-end Ninja

Workshop 1 - Web development basics

Today's Plan

1. Intro to HTML & CSS

2. HTML: Tags & Page structure

3. CSS: Layouts & Position

4. **Practice project**

HTML & CSS

HTML, HyperText Markup Language, gives content structure and meaning by defining that content as, for example, headings, paragraphs, or images. CSS, or Cascading Style Sheets, is a presentation language created to style the appearance of content—using, for example, fonts or colors.
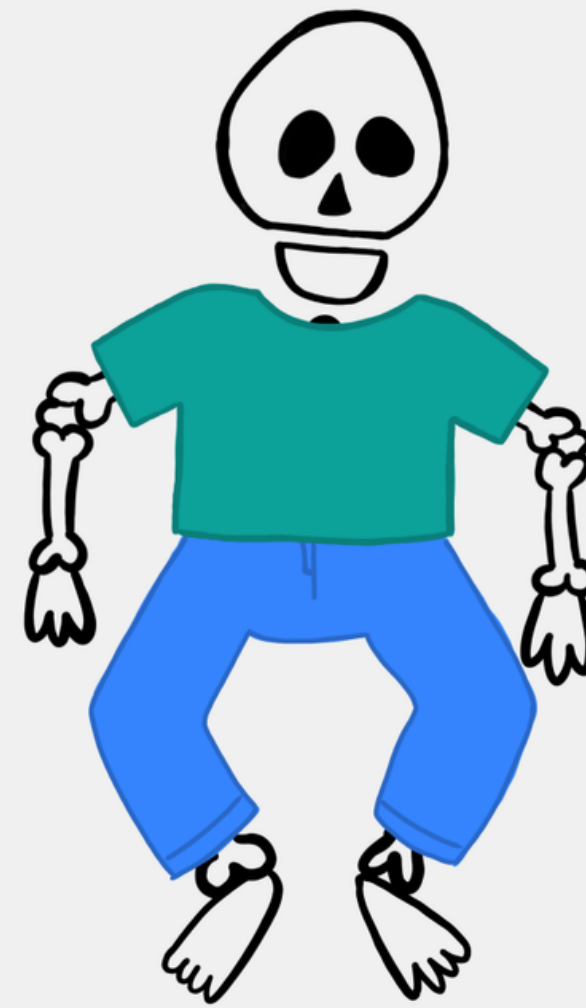
https://learn.shayhowe.com/html-css/building-your-first-web-page/
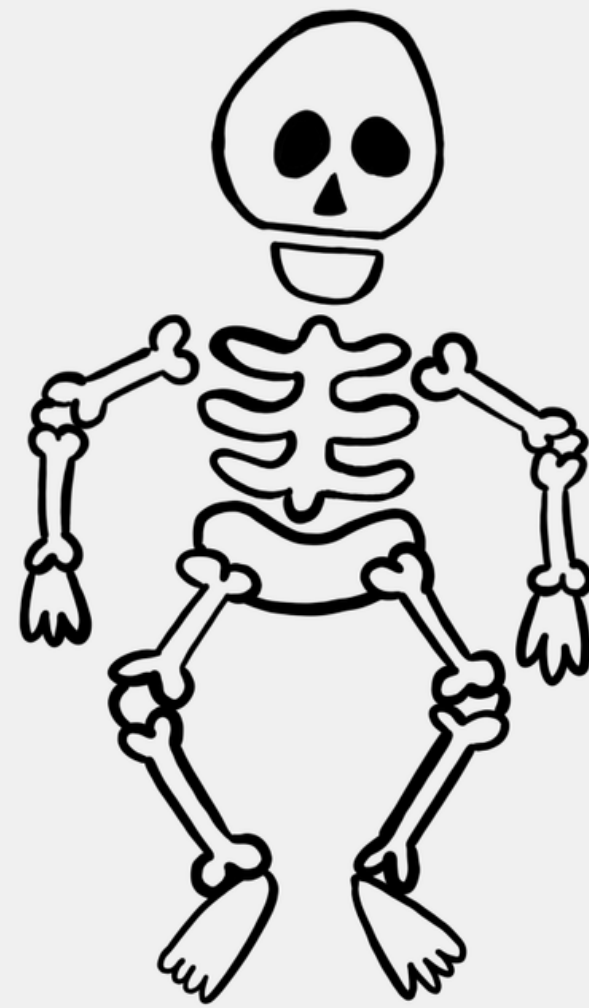
HTML & CSS

HTML

CSS

HTML: Structure

Elements (tags) are the basic building block of an HTML page

Paragraph == ‹p›‹/p›

image == ‹img /›
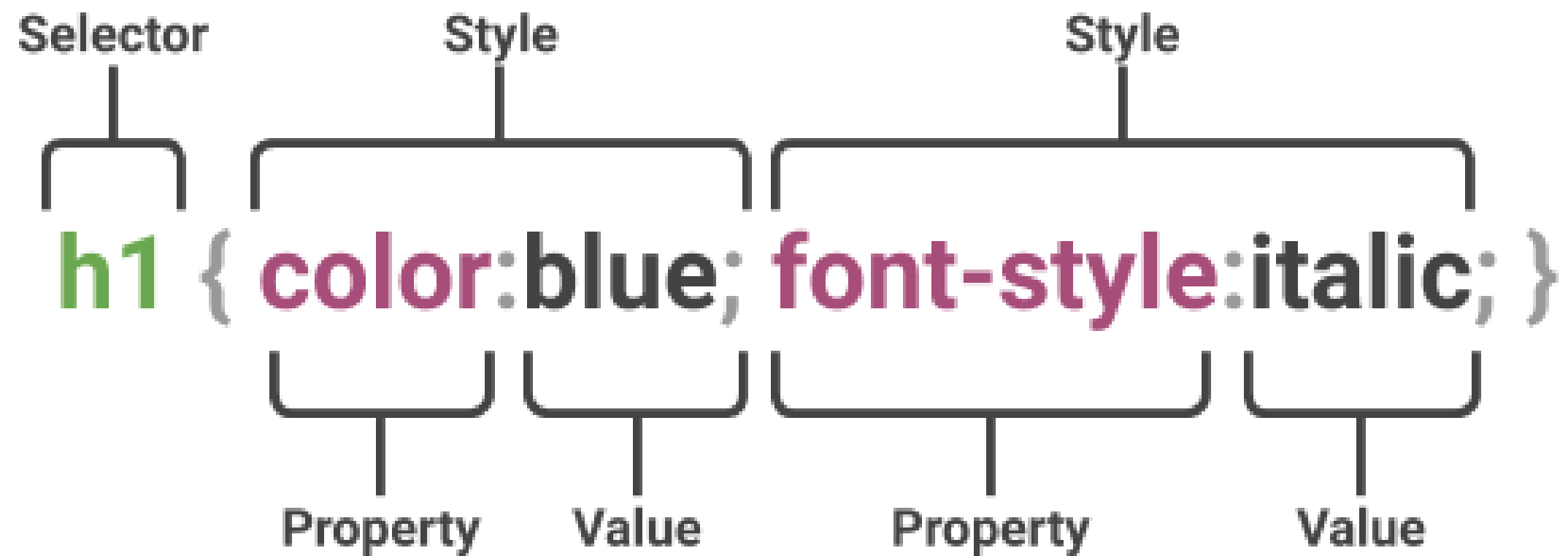
1 ──────────────── `<!DOCTYPE html>`

2 ┌──────────────── `<html>`

3 ┌──────────────── `<head>`
              `<meta charset="utf-8">` ──── 4
              `<title>`Title here`</title>` ──── 5
              `</head>`

6 ┌──────────────── `<body>`
              `Page content goes here.`
              `</body>`

              `</html>`

HTML: Sementics

AMBIGUOUS SECTIONS
NO HIERARCHY
(a.k.a. "div soup")

CLEAR SECTIONS
LOGICAL HIERARCHY
(a.k.a. semantic HTML)

CSS: Syntaxe

Selector   Style   Style

h1 { color:blue; font-style:italic; }
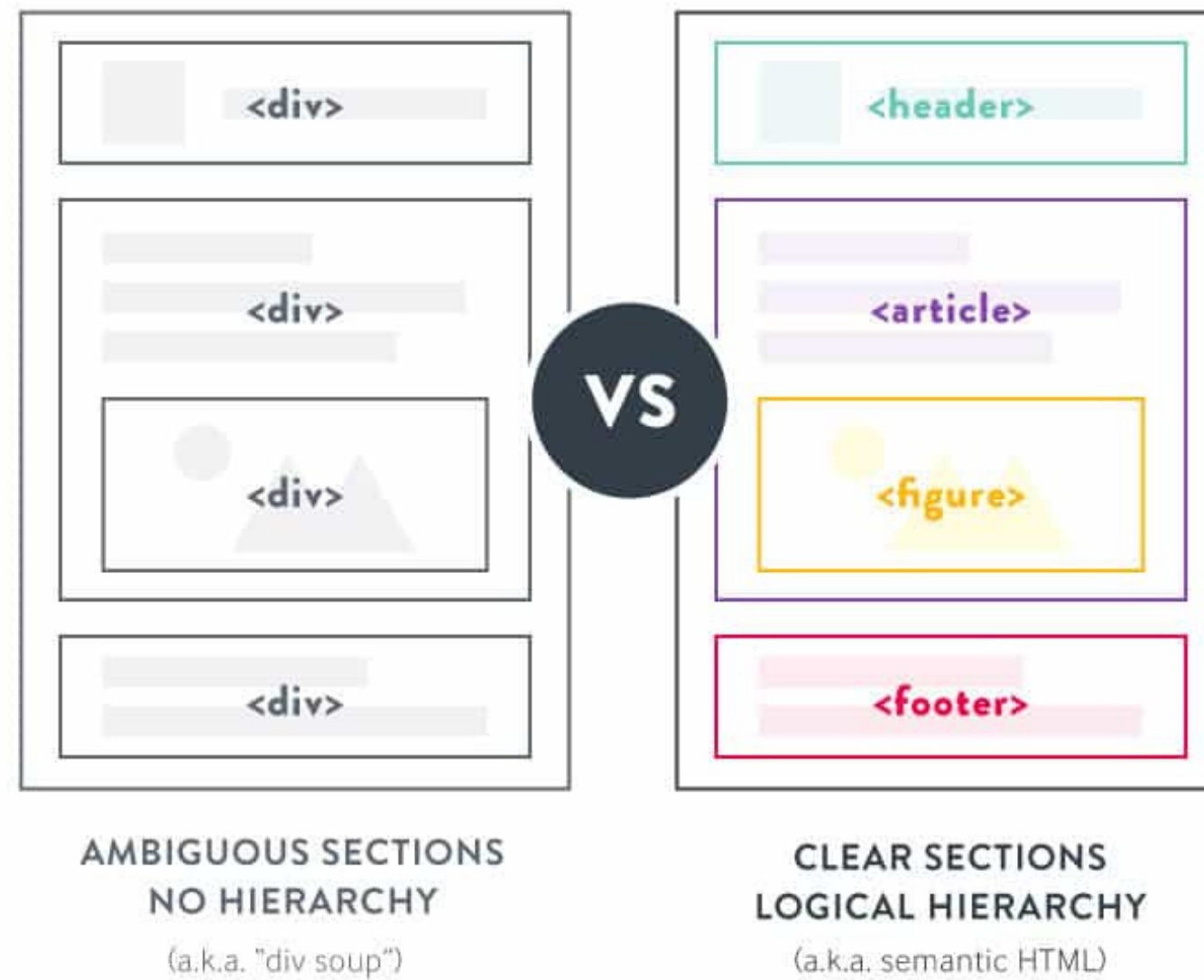
Property   Value   Property   Value
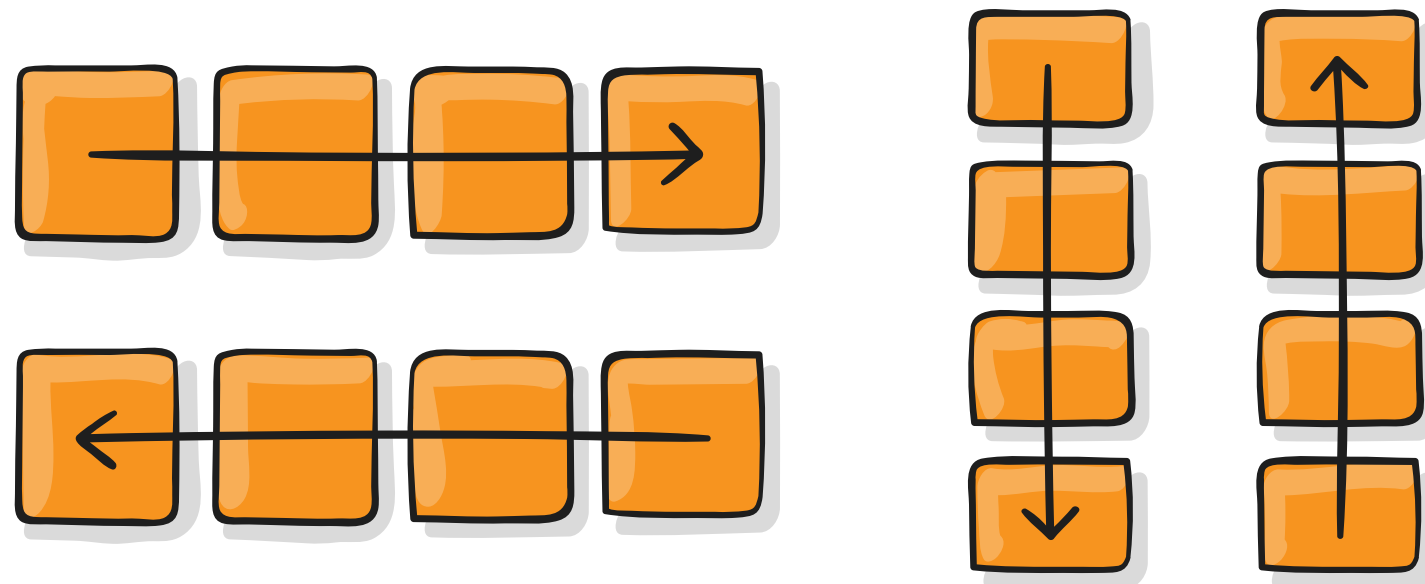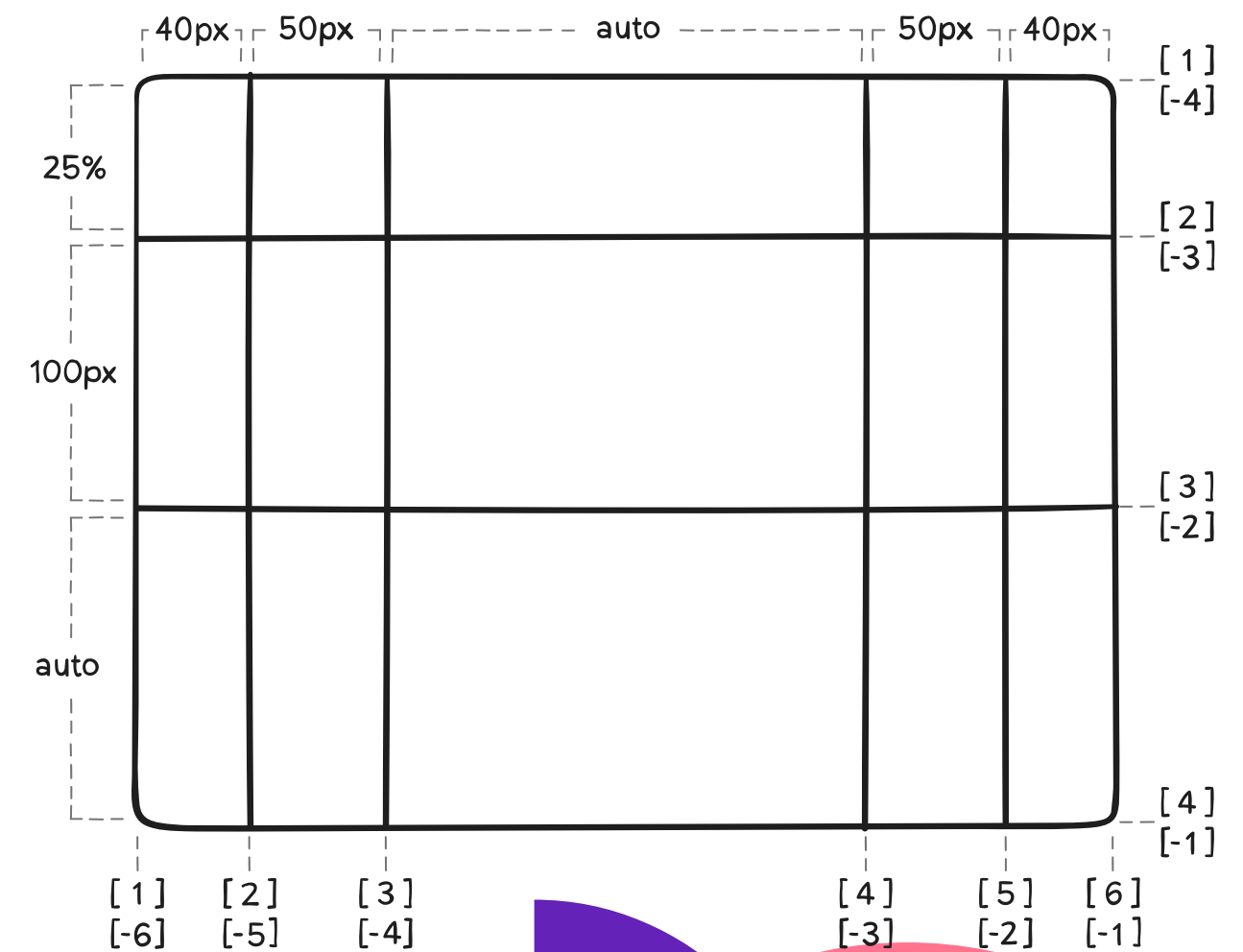
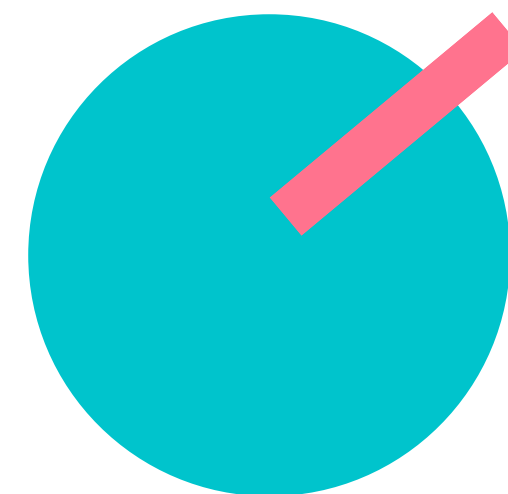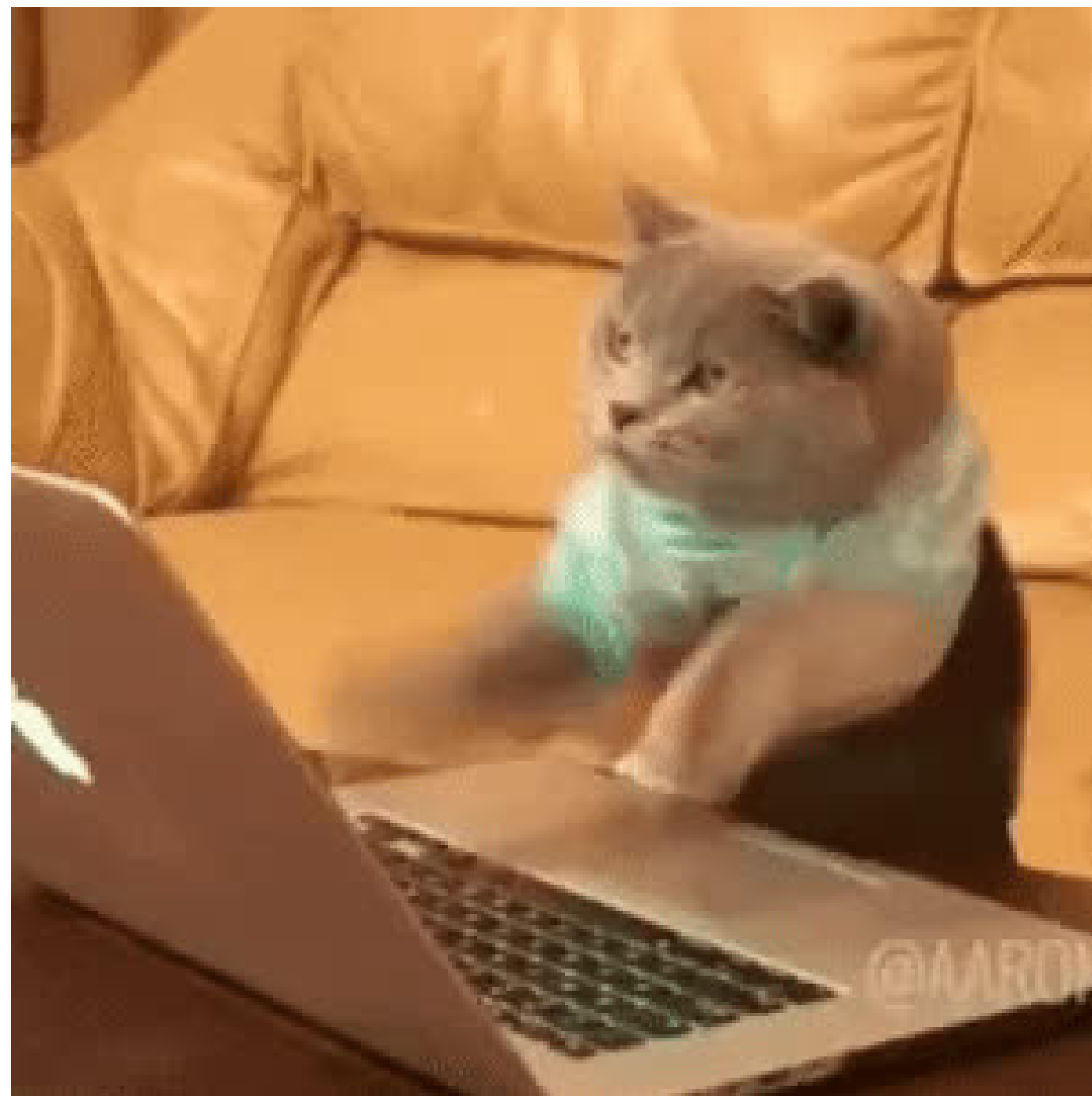# CSS: Layouts

Flex box

One-dimensional layout model

CSS Grid

Two-dimensional layout model

Let's practice!

Challange

- Make it your own

- Use CSS grid for layout

Useful resources

- Shay Howe: Learn HTML & CSS: https://learn.shayhowe.com/
- MDN: https://developer.mozilla.org/en-US/
- CSS Flexbox: https://css-tricks.com/snippets/css/a-guide-to-flexbox/
- CSS Grid: https://css-tricks.com/snippets/css/complete-guide-grid/

Thank you