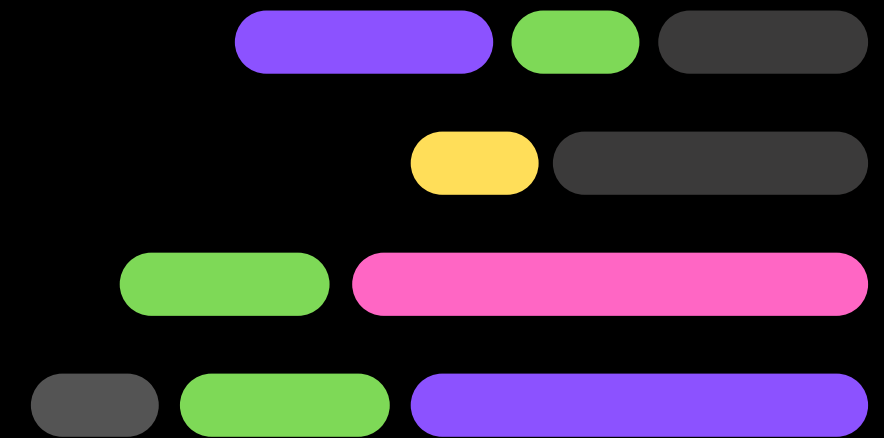
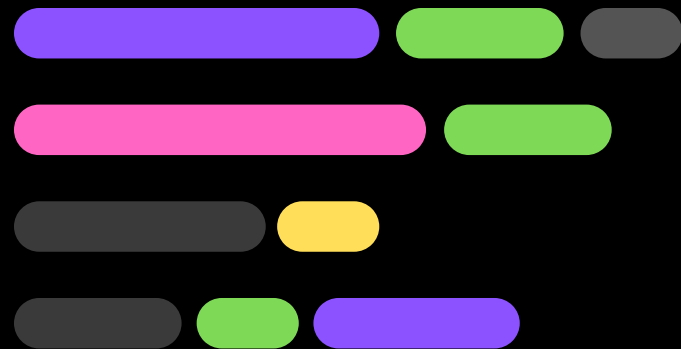




INTRODUCTION TO

{ WEB DEVELOPMENT }

DAY ONE





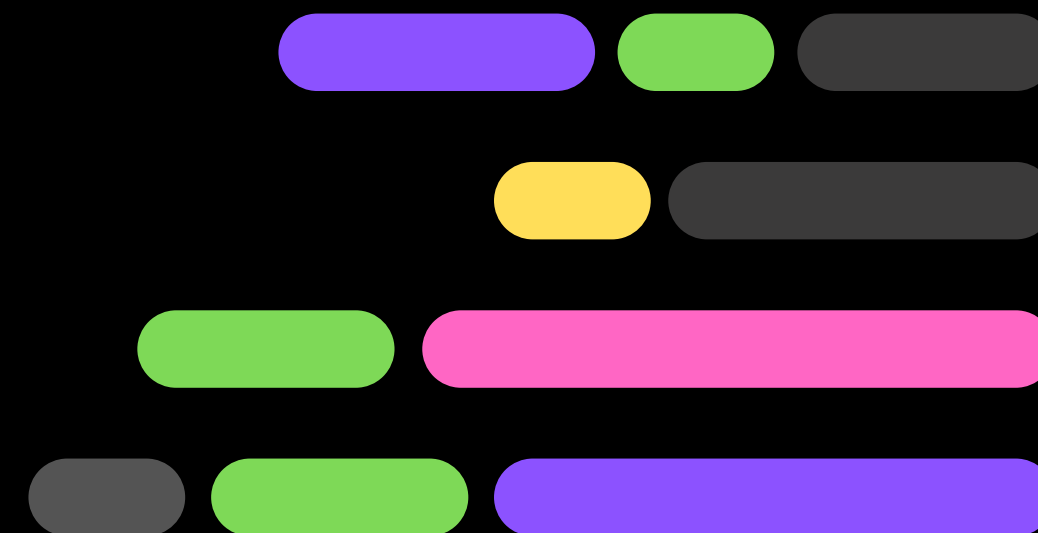
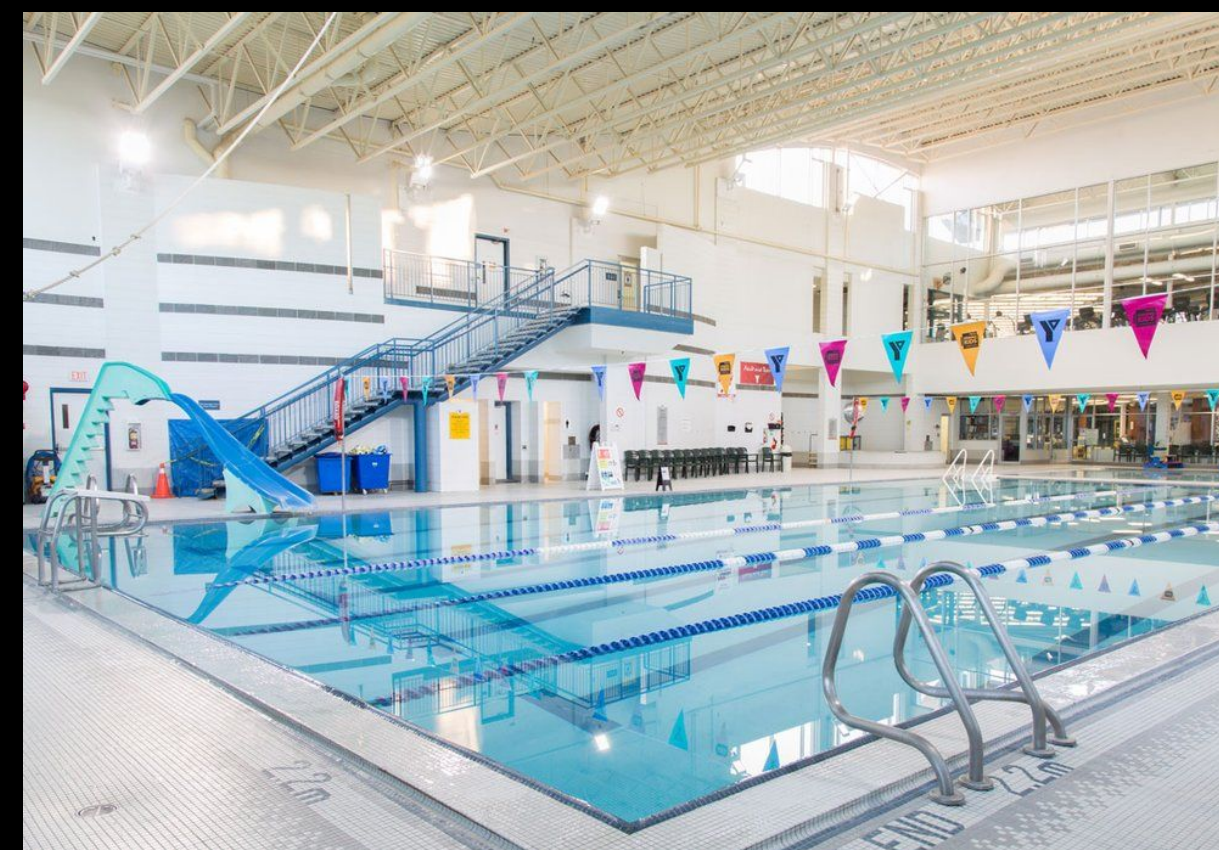
01

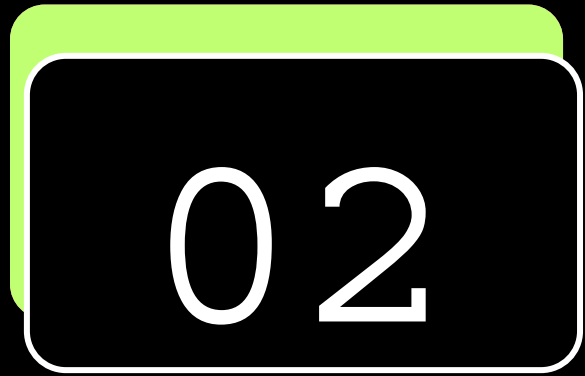
INTRODUCTION

Hi!

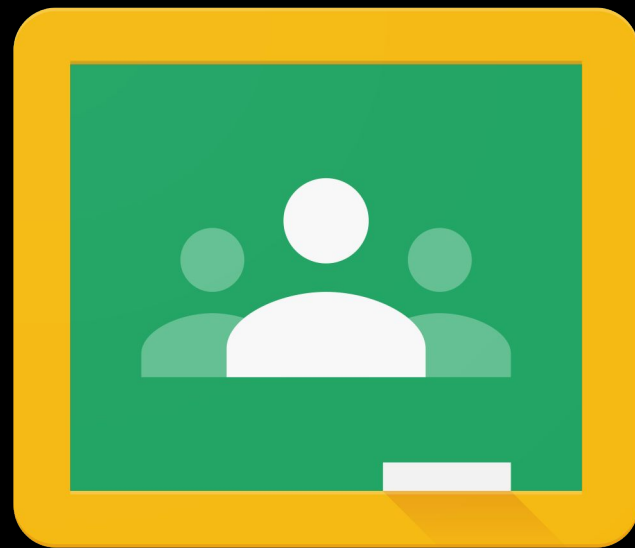
My name is...

Kaydence 😊

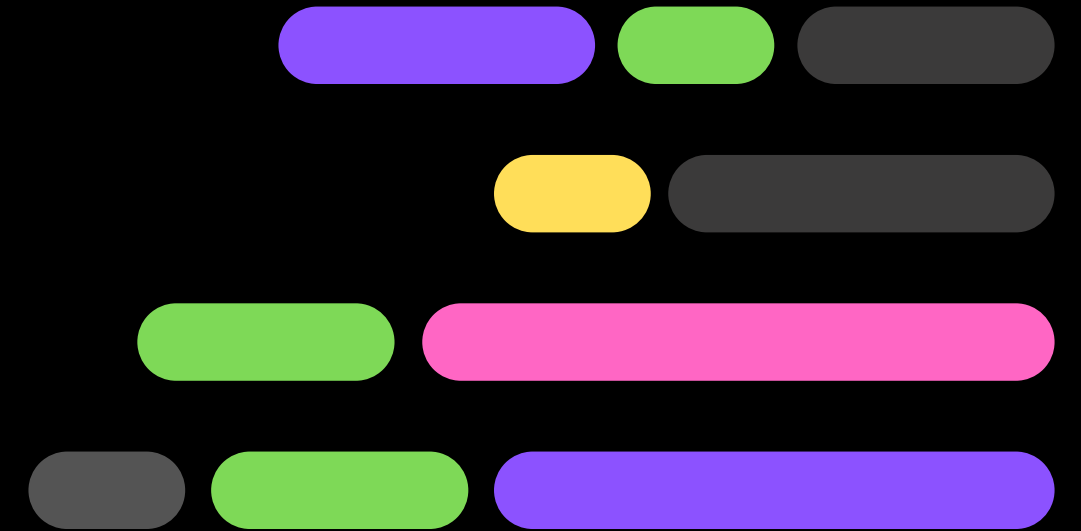
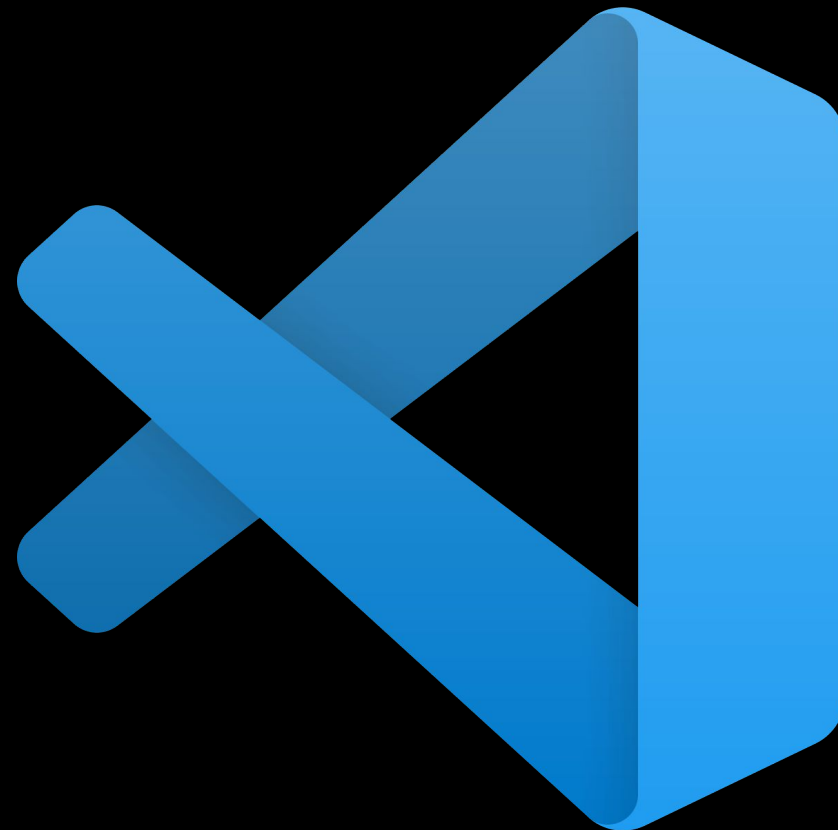




TOOLS



Google Classroom



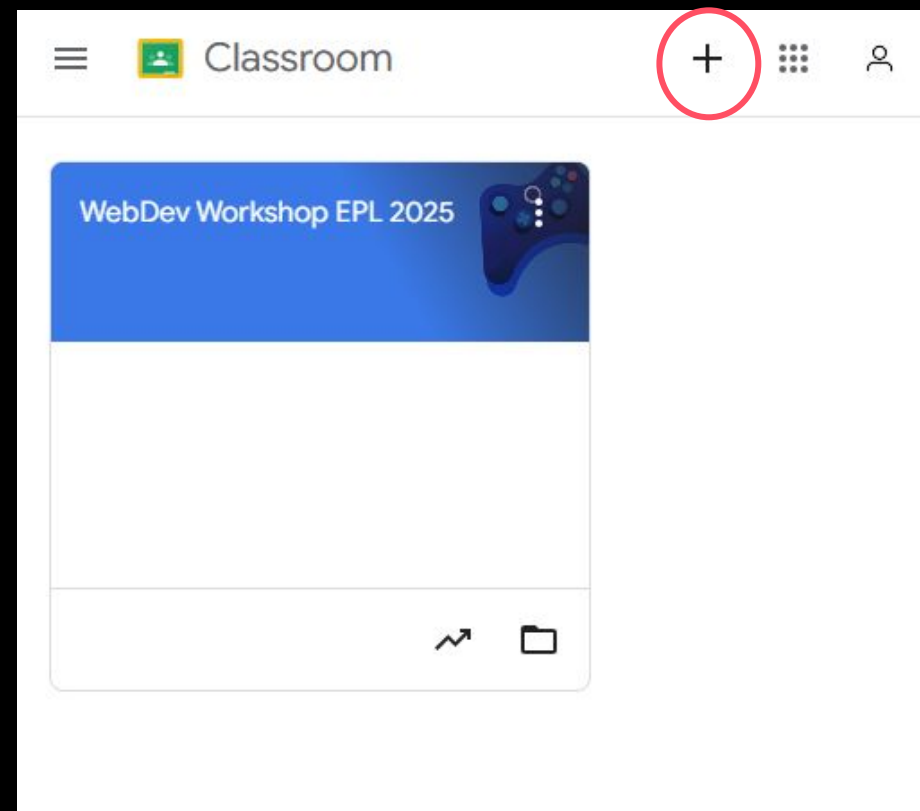
Google Classroom

Notes, Videos, Start Code, Solutions, and More

- Go to `classroom.google.com`
- Use code **XXXXXX**



Google Classroom



Class code
Ask your teacher for the class code, then enter it here.

To sign in with a class code

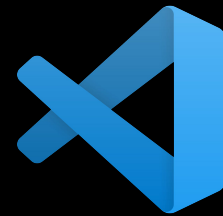
- Use an authorised account
- Use a class code with 5-7 letters or numbers, and no spaces or symbols

If you have trouble joining the class, go to the [Help Centre article](#)

Cancel **Join**



VS Code



- The code editor we will be using
- Using the extensions Prettier (for automatic formatting) and Live Server (for viewing our site as we work)
- How to set up Prettier and Live Server: [link to instructional videos]

GitHub Desktop

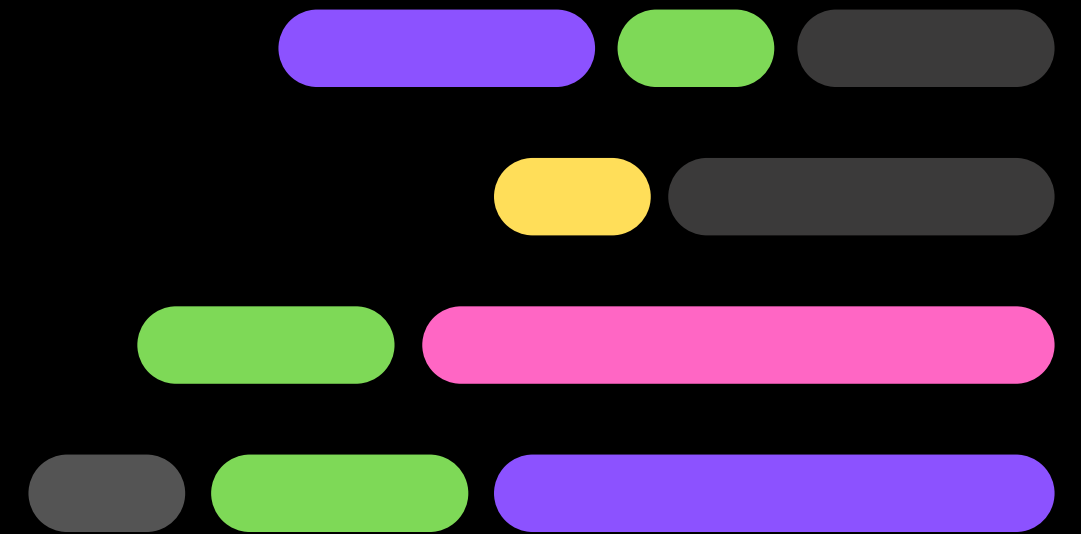
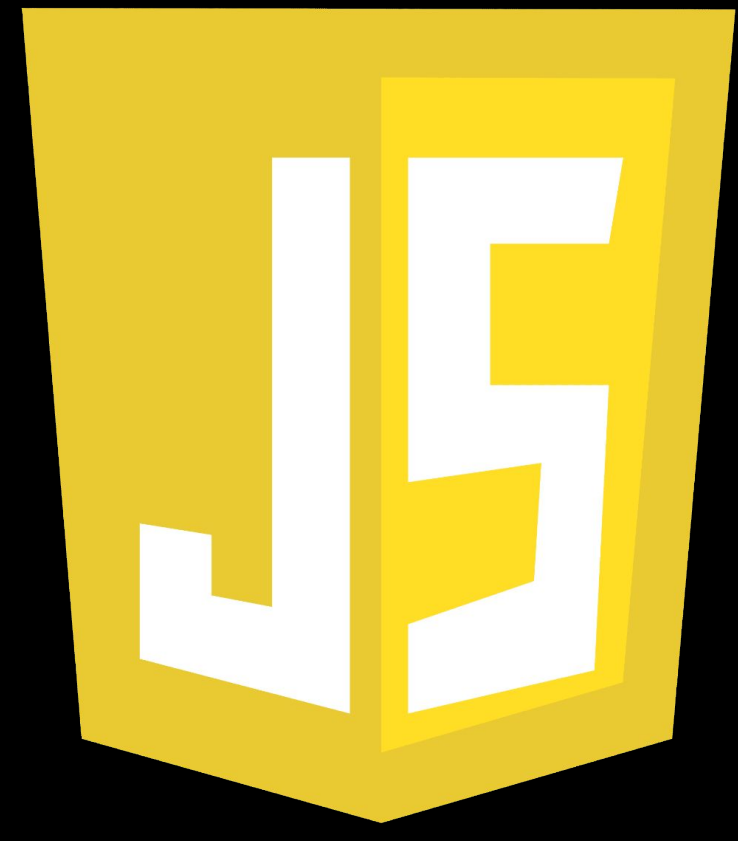


- To store your code between sessions
- Free website hosting to share your creations!
- Sign in with your google account



03

GETTING STARTED





HTML

- Hyper Text **Markup** Language
- HTML is the markup of the web page
 - Defines the purpose of each element and it's placement in the page
- Makes up the barebones content of the website
- https://kmr2007.github.io/web_dev_workshop/week-1/faq-html-only/

CSS

- Cascading **Style** Sheets
- CSS is used for all of the design elements of a site
 - Applies style based on HTML tags, classes, ids, etc.
- Used for simple styling like text font and colour all the way to advanced elements and responsive design
- https://kmr2007.github.io/web_dev_workshop/week-1/faq-css-html/

JavaScript

- Client Side programming language
- Used with a web page to run programs
- Can be used for a wide variety of web apps with varying levels of complexity
- https://kmr2007.github.io/web_dev_workshop/week-1/faq-full/
- <https://kmr2007.github.io/snake-game/>





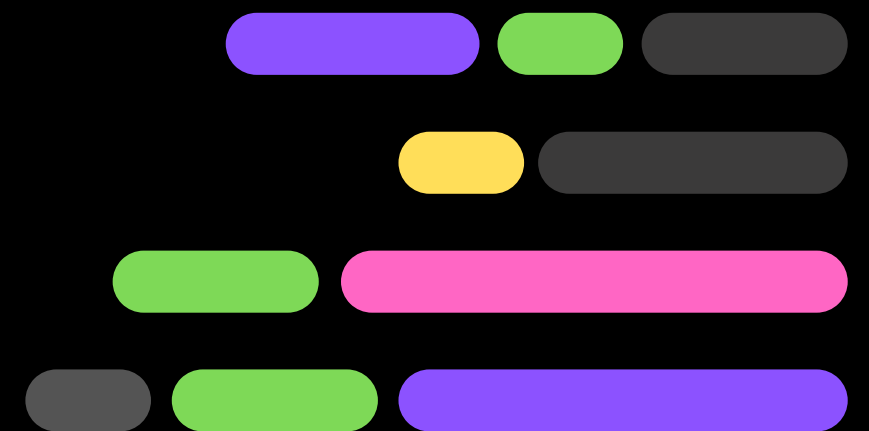
Let's Get Started!

Creating an HTML Document

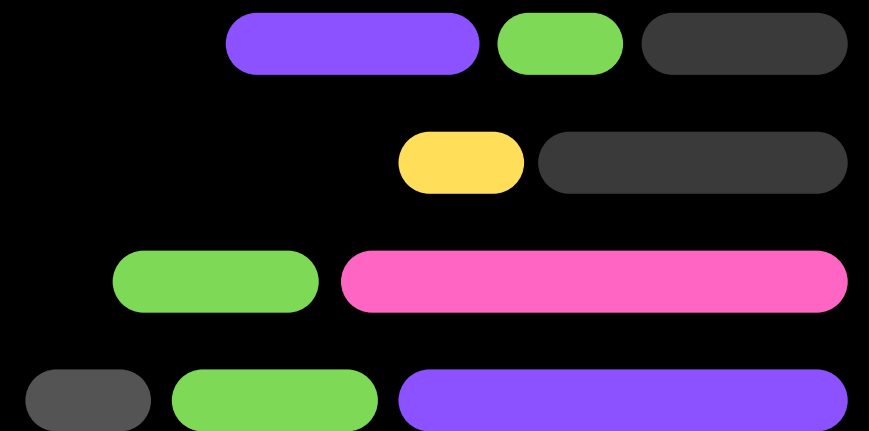
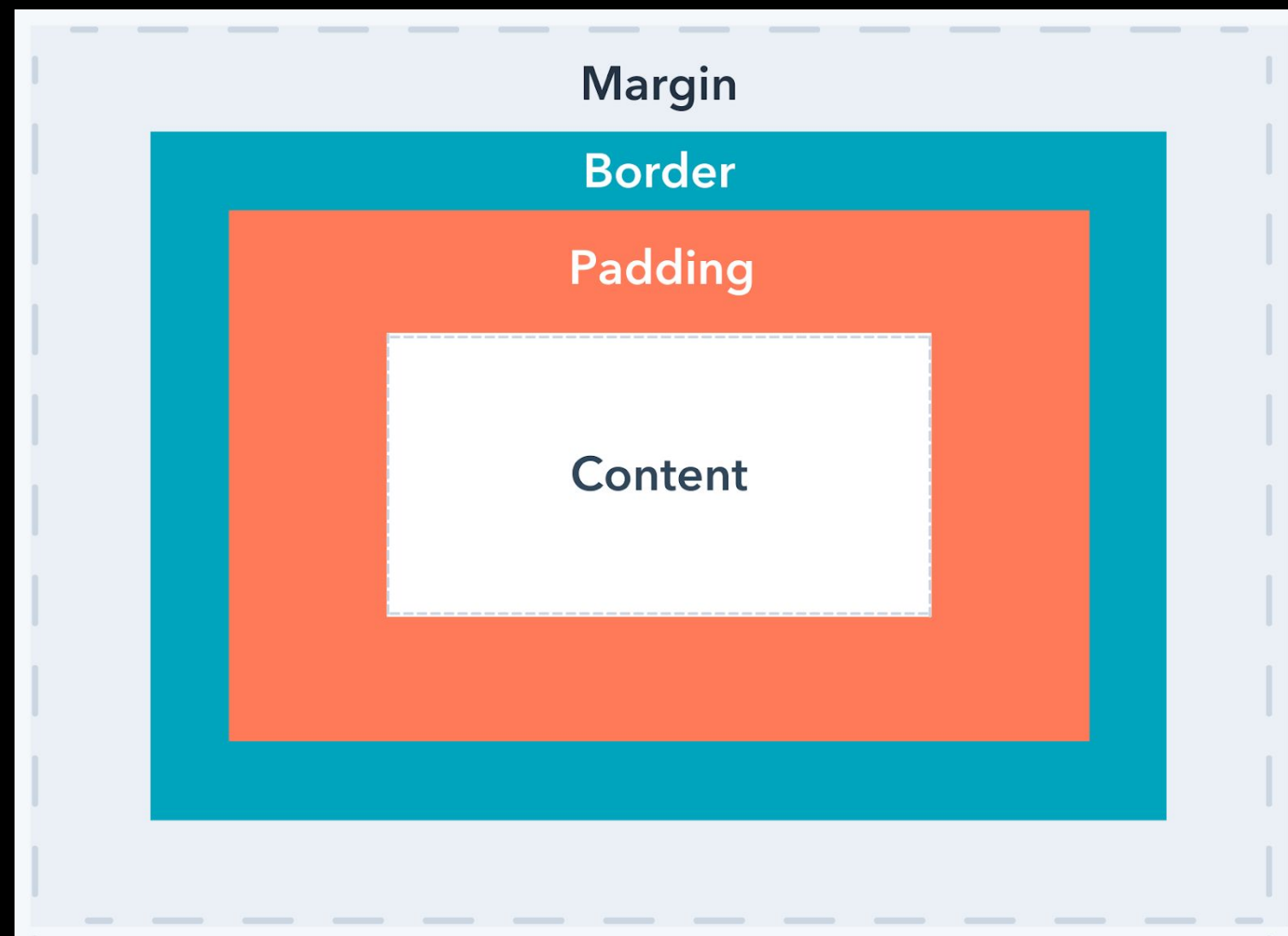
- Head tag
- Text Tags (Headings, Paragraphs, Lists, Links)
- Other Tags (Images)

Linking a Stylesheet

- Text
- Formatting
- Classes
- The Cascade



Margin and Padding

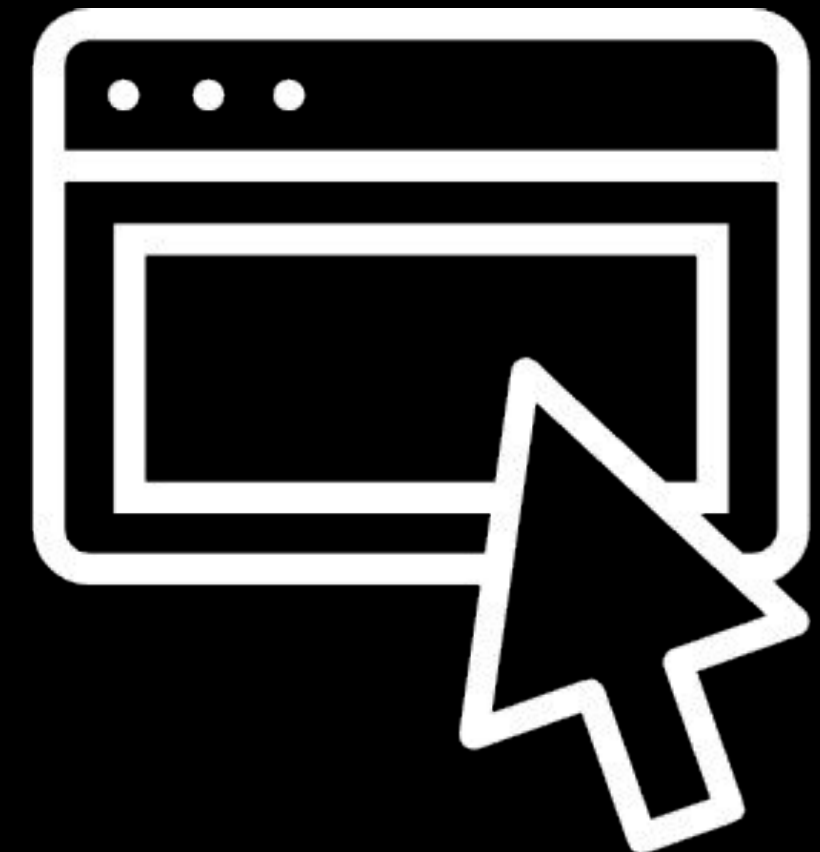
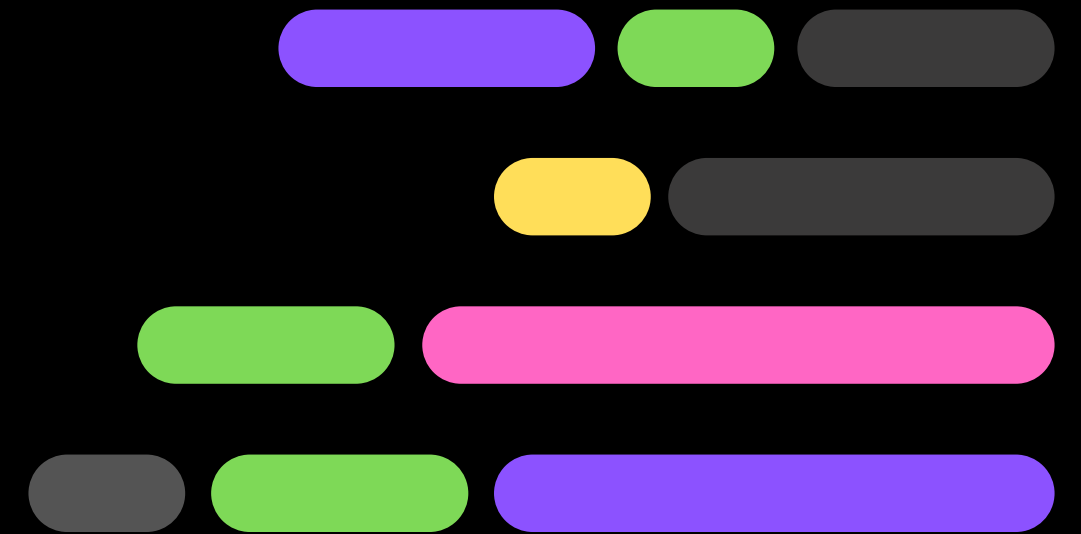


04

PROJECT #1 -

FAVOURITE

THING WEBSITE





Criteria

Create a simple, one page website including some of the following elements:

HTML:

- Title (`<title></title>`)
- Div (`<div></div>`)
- Headings (`<h1></h1>`, `<h2></h2>`, etc)
- Paragraph (`<p></p>`)
- Image (`<img src="" alt="" />`)
- Link (`<a href="" target="_blank"></a>`)
- List (`<ol> <li></li> </ol>` or `<ul> <li></li> </ul>`)

CSS:

- Background Colour (`background-color`)
- Text Positioning (`text-align`)
- Text Styling (`font-family`, `color`, `font-size`, `font-weight`, `text-decoration`)
- Formatting (`margin`, `padding`, `border`)
- Sizing (`width`, `height`)

Resources

HTML :

- [W3 Schools- HTML](#)
- [MDN- HTML](#)

CSS:

- [W3 Schools- CSS](#)
- [Frontend Mentor- Challenges](#)
- [Kevin Powell- Youtube](#)

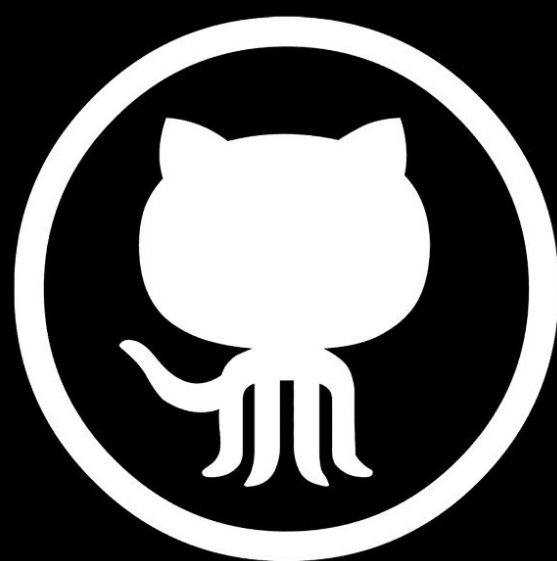
Fonts:

- [Google Fonts](#)

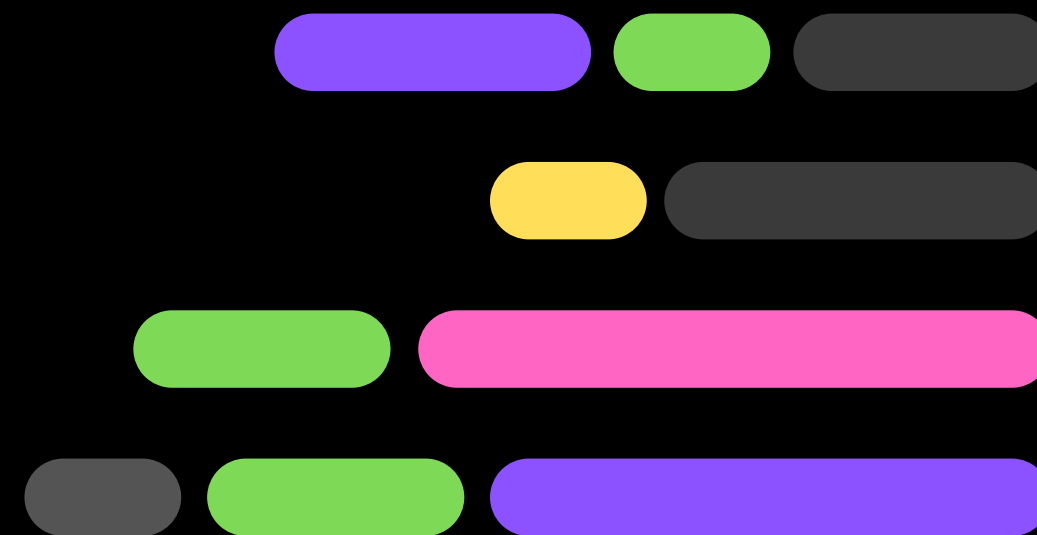


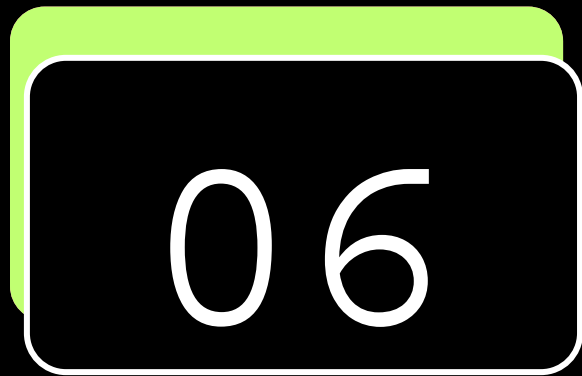


SAVING OUR WORK



GitHub





WRAP UP

Today we learnt:

- How HTML, CSS, and JavaScript work together to create functional web pages
- How to use HTML to create a basic web page
- How to use CSS to add style to a web page
- How to save projects using GitHub Desktop

