

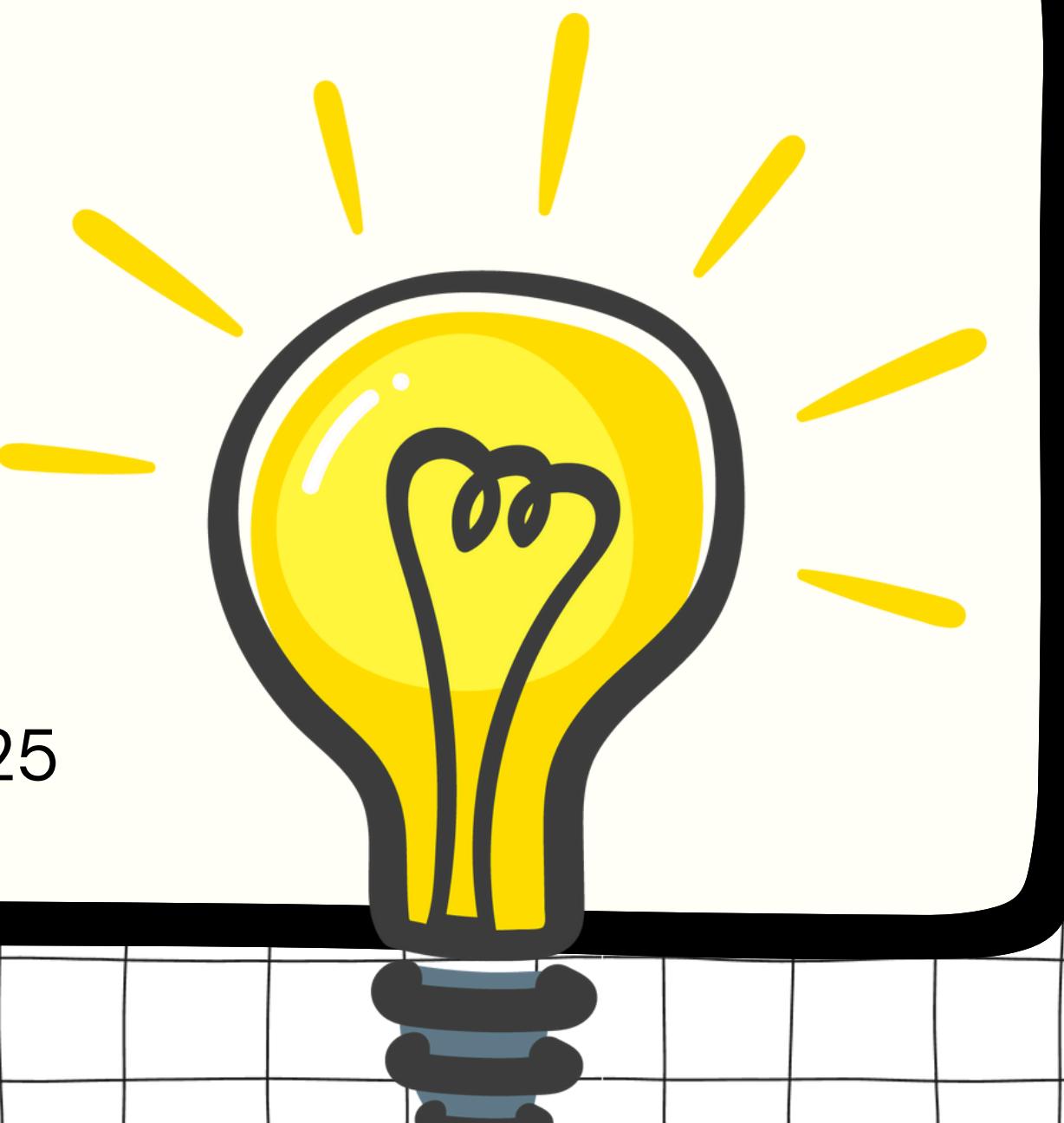


HTML-CSS

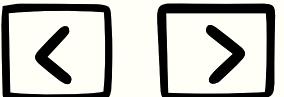
Tutorial for Beginners

2024-2025

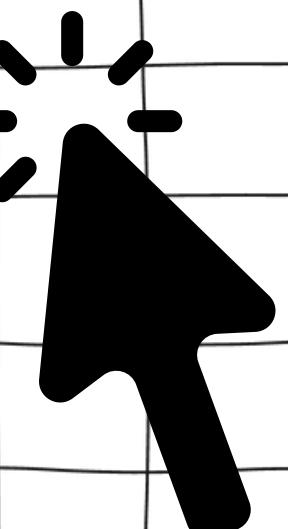
HTML & CSS Tutorial for Beginners 2024-2025
by CodeWithAaryan



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Introduction



HTML is known as Hypertext Markup Language. HTML is also known as the main body of a website; you can also say it's a skeleton of a human body.



CSS is known as Cascading Style Sheets. It uses styles to style the website and make it beautiful. You can also say CSS is the skin of a human body.

Analogy for Understanding



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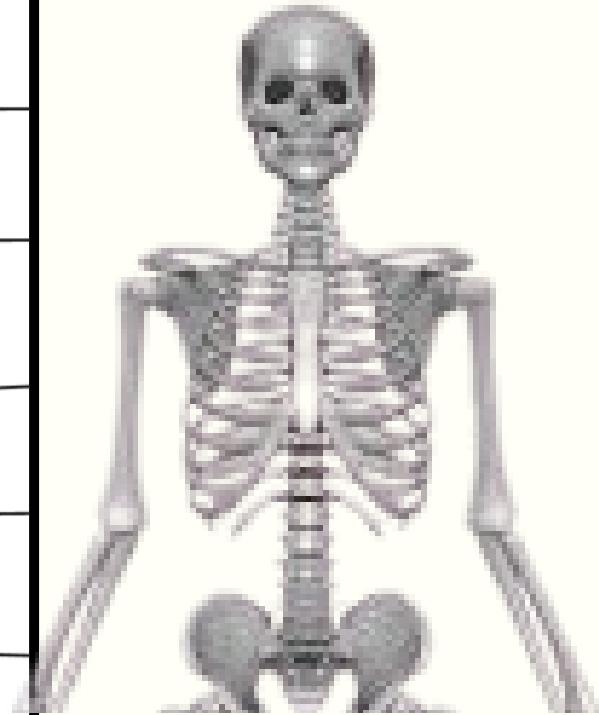
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HTML

CSS

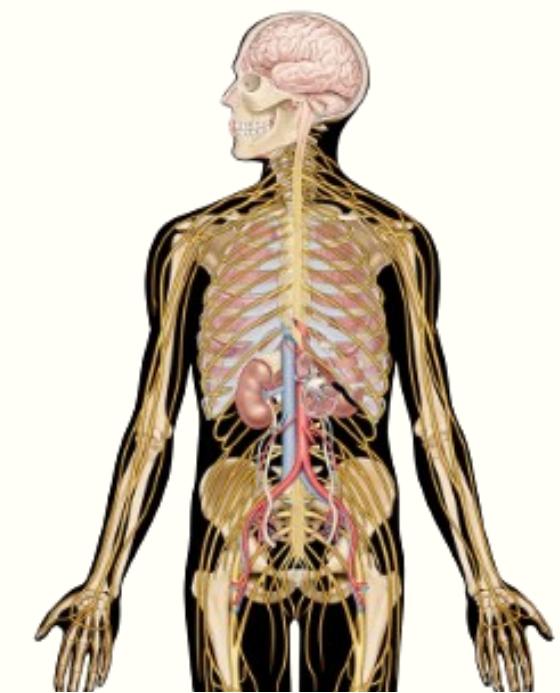
JS



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HTML

CSS

JS

Setting Up the Environment



Download the vScode Just like
any game its not a rocket science

How to Create a HTML File



To create a html file you have to
use .html

HTML Structure

index.html

```
<!DOCTYPE html>
<html>
  <head>
    <title>Document</title>
  </head>
  <body>
    <!-- content -->
  </body>
</html>
```

Basic Tag in HTML

Paragraphs (<p>).

Headings (<h1> to <h6>).

Lists (, ,).

Links ().

Images ().

Headings (<h1> to <h6>).

Lists (, ,).

Links ().

**Images (CodeWithAaryan</h1>
```

# Internal CSS

index.html

```
<style>
 h1{
 color: red;
 }
</style>

<h1>CodeWithAaryan</h1>
```

# External CSS

index.html

```
h1{
 color: red;
}
```

# CSS Syntax

## 1) Selectors

Selectors are used to target the HTML elements you want to style. There are several types of selectors in CSS, but let's start with the most common ones.

## 2) Properties

CSS properties are key-value pairs that define the style of an HTML element. The property is the aspect of the element you want to change, and the value is what you want to change it to. Let's go through some of the most common CSS properties.

## 3) Values

values are used to define the specifics of style properties

**Let me show you how is it work**

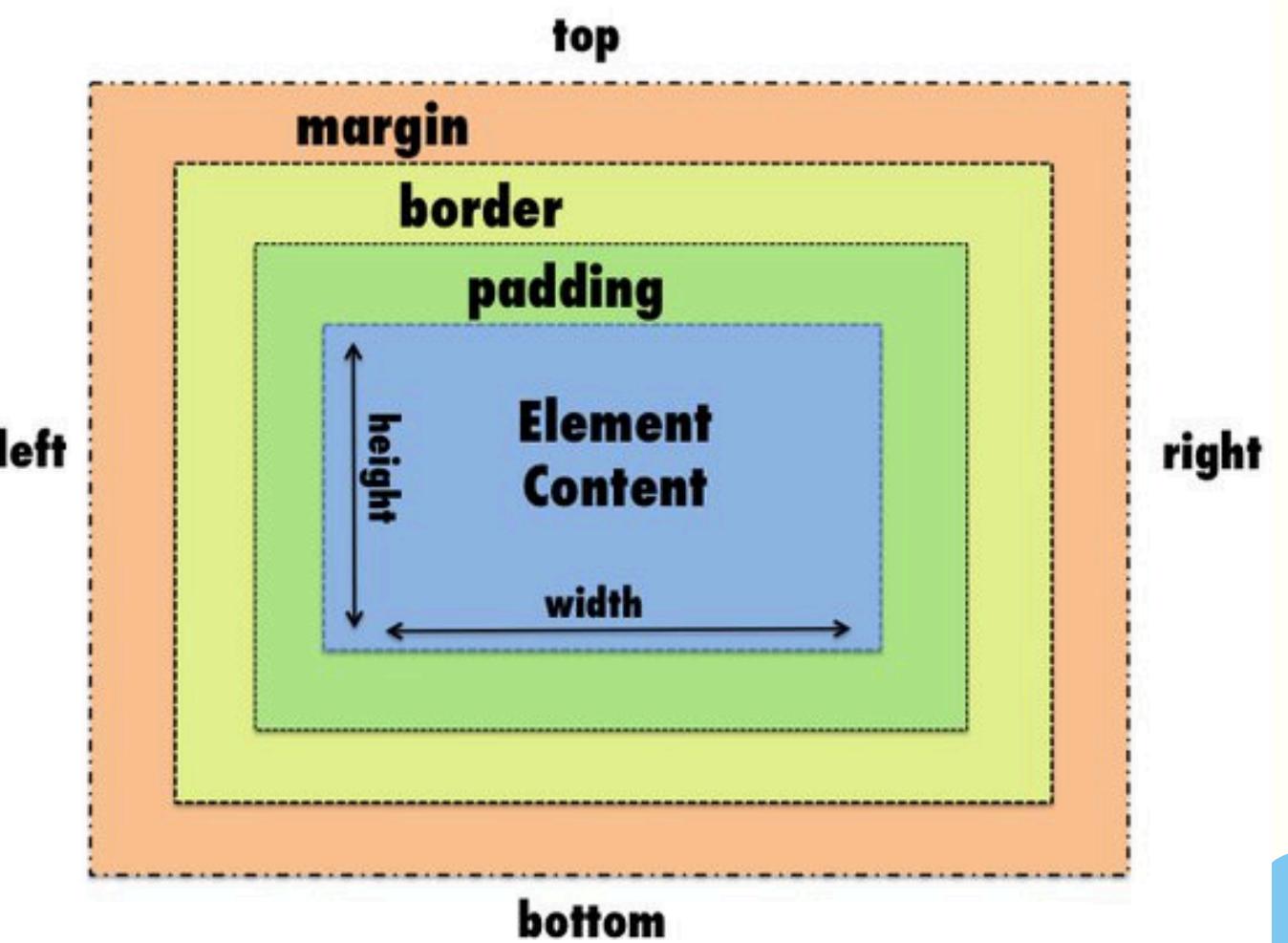
# Properties and Values

```
selector declaration
h1 { font-size: 2.5em; }
 property value
```

# **Styling Layouts**

- **Box model (margin, border, padding, content).**
- **Display properties (block, inline, inline-block).**
- **Width and height.**

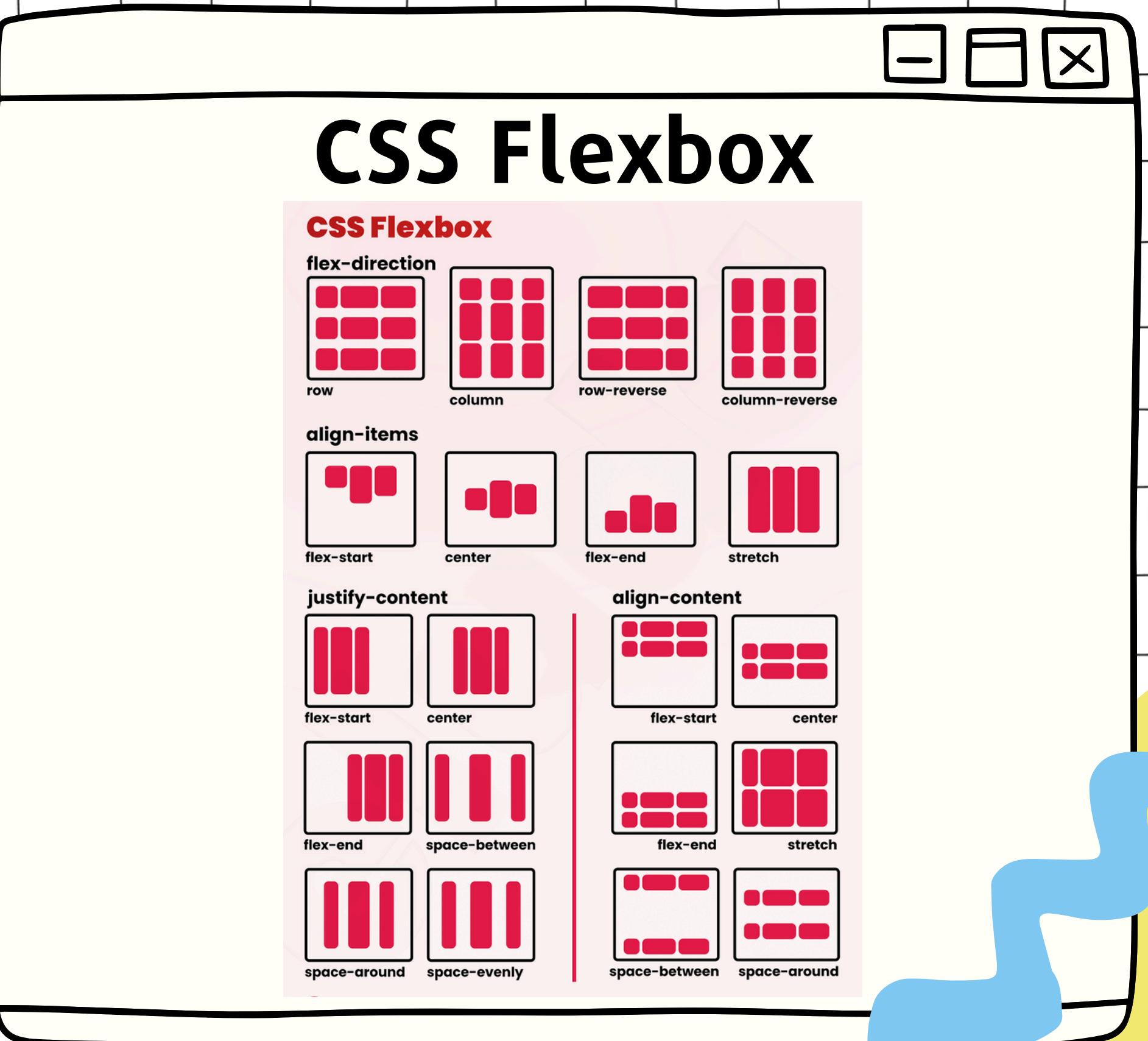
# Styling Layouts



# CSS Flexbox

## What is Flexbox?

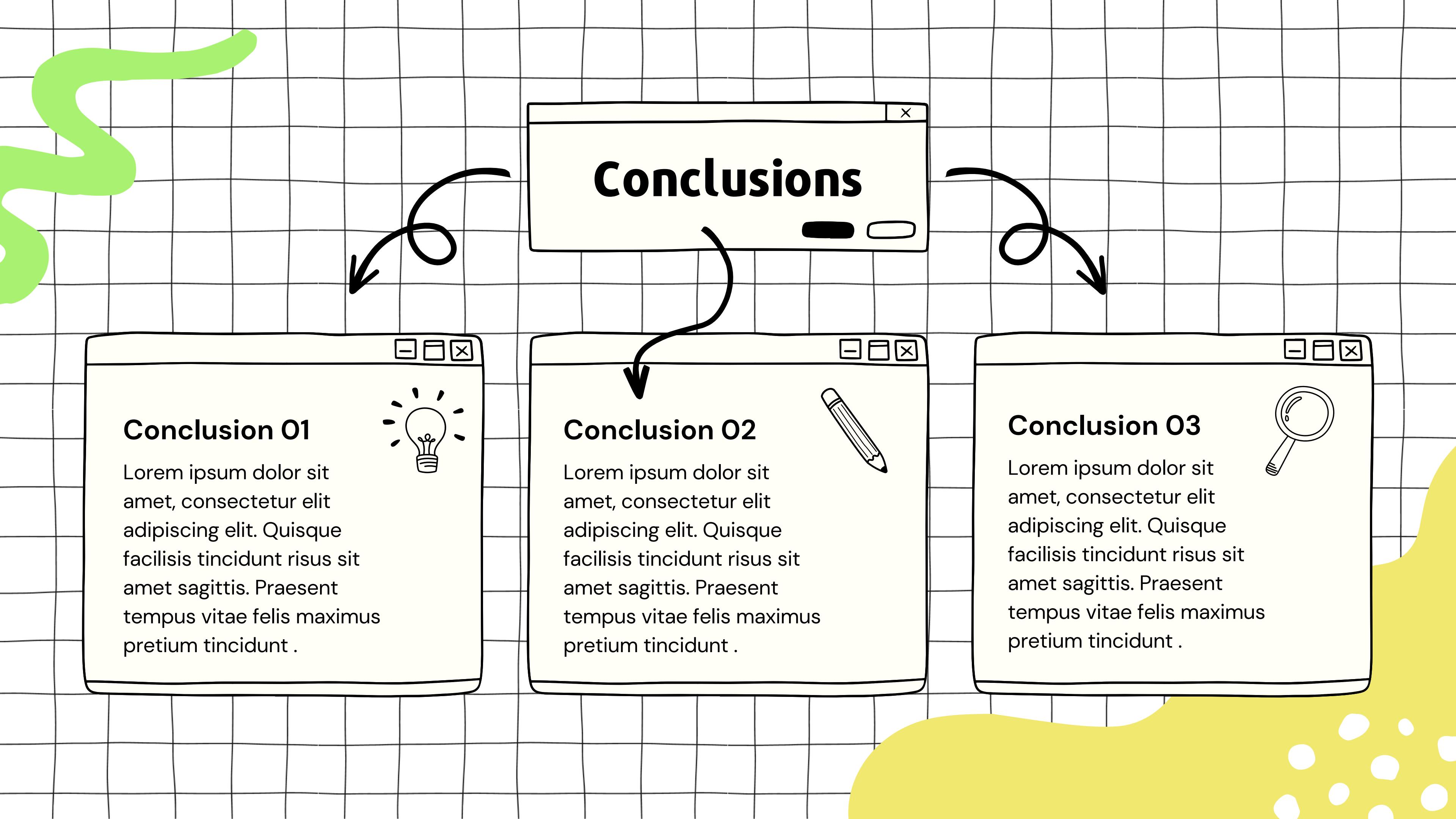
Flexbox, short for 'Flexible Box Layout', is a CSS module designed to layout items in a one-dimensional space, either in a row or a column. It provides an efficient way to distribute space among items and align them. Flexbox makes it easy to design responsive web layouts.

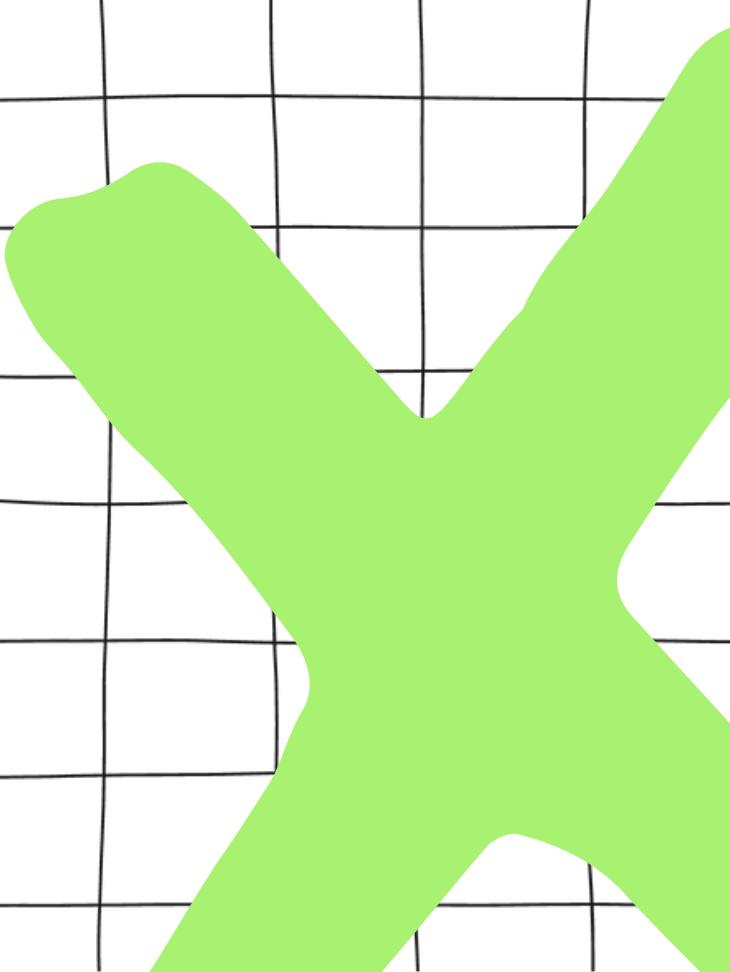
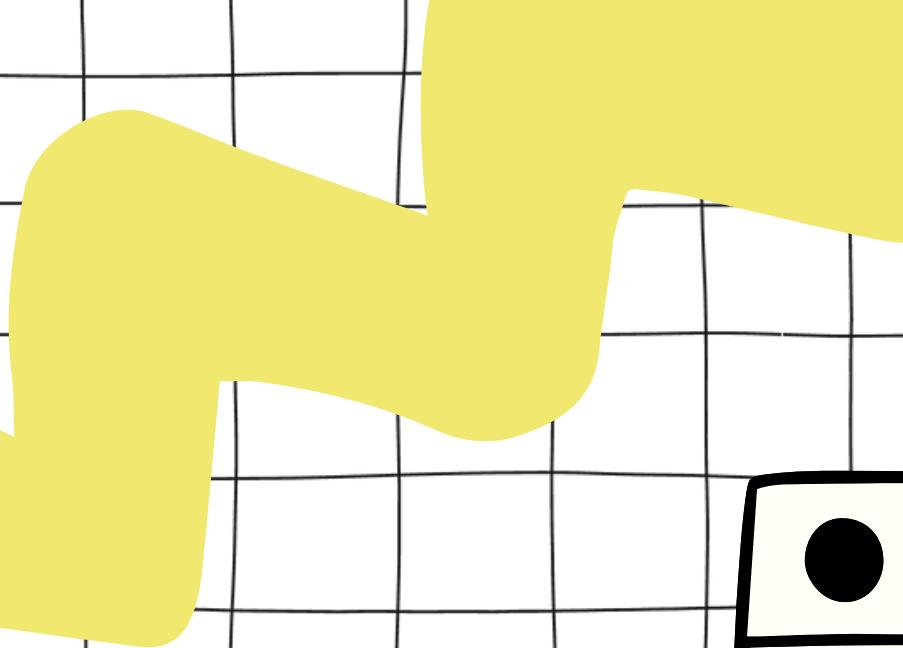


# Responsive Design

## What is Media Query?

Media queries are a CSS feature that allows you to apply styles based on the characteristics of the device or viewport, such as its width, height, orientation, and resolution. They are essential for creating responsive designs that adapt to different screen sizes.





# Thank you

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