



BLACKBUCK
ENGINEERS



The MERN Development Lab

Session 6 - Intermediate CSS

BY AQUIB AJANI



BLACKBUCK
ENGINEERS

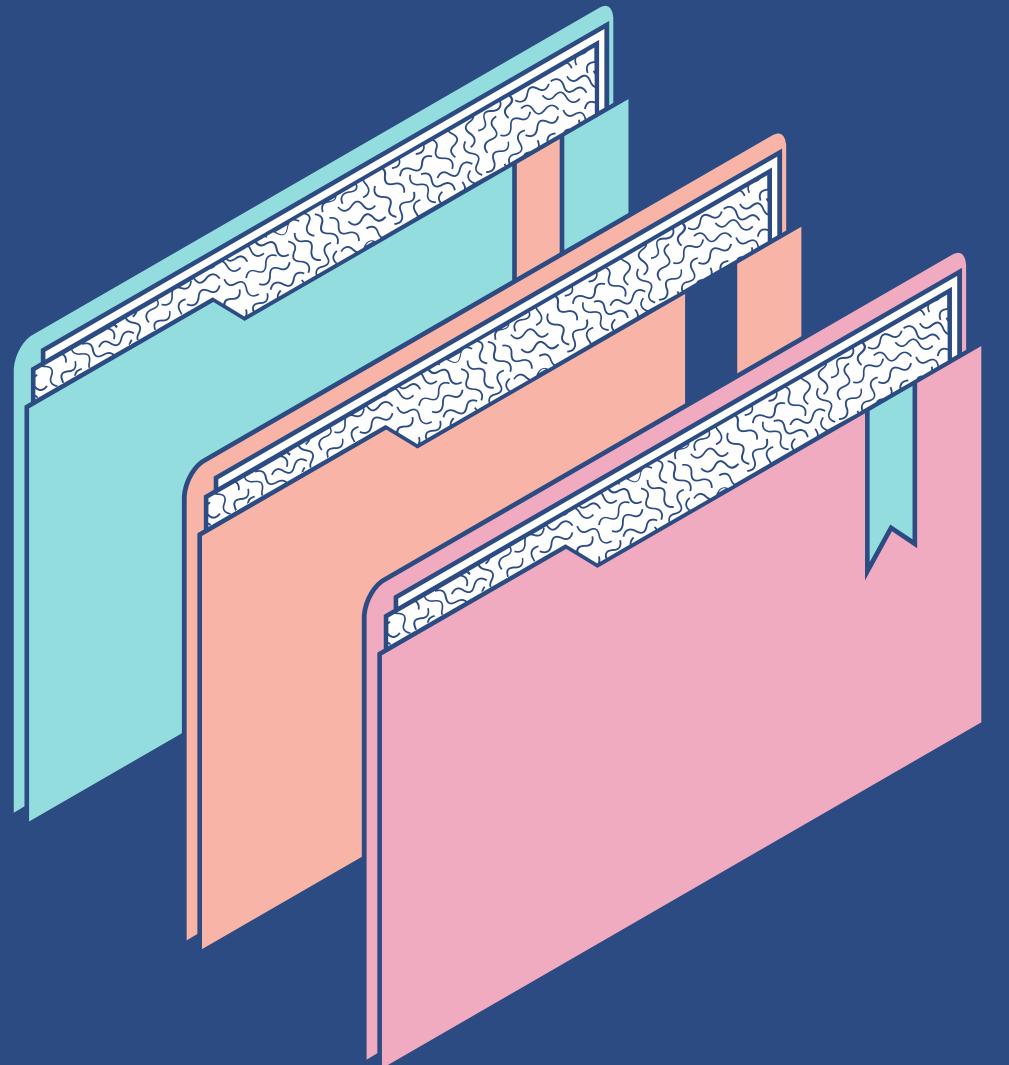


GitHub Repository

tabdeelstudios/blackbucks-iidt-internship-full-stack-feb-2024

<https://github.com/tabdeelstudios/blackbucks-iidt-internship-full-stack-feb-2024>

Session Agenda

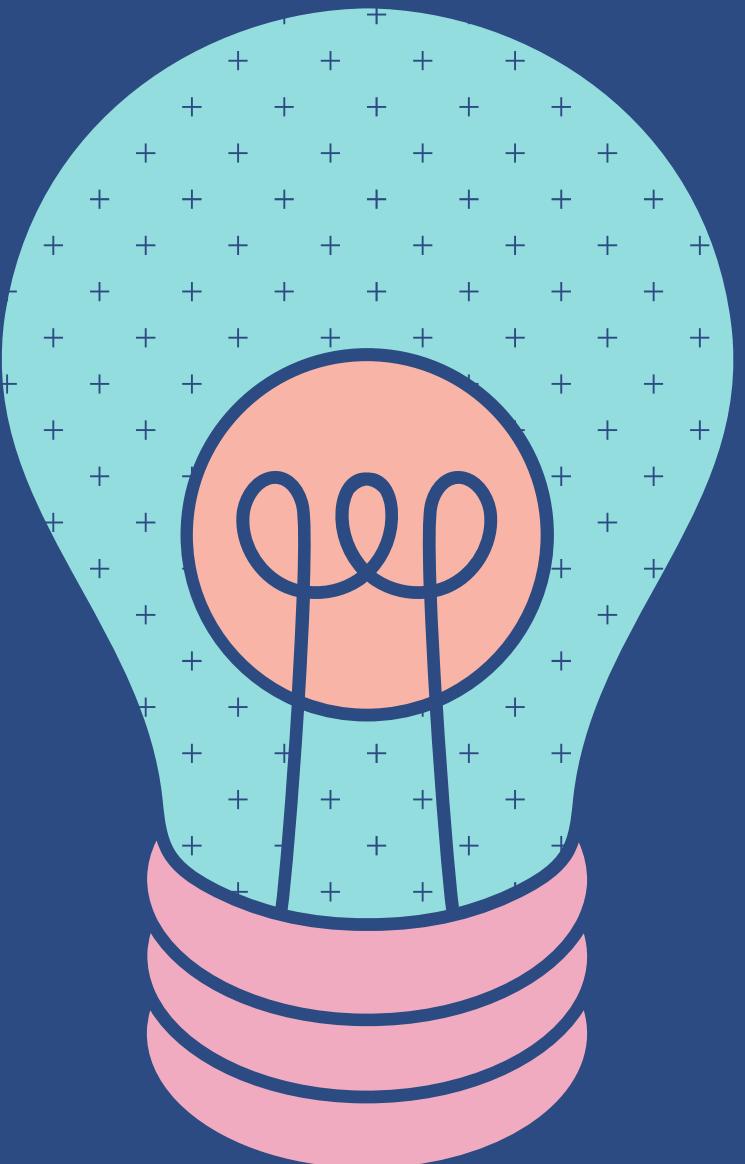


INTERMEDIATE CSS

- Think It Through
- Recap
- Font and Text Styling
- The CSS Box Model
- CSS Positioning
- Advanced CSS Selectors

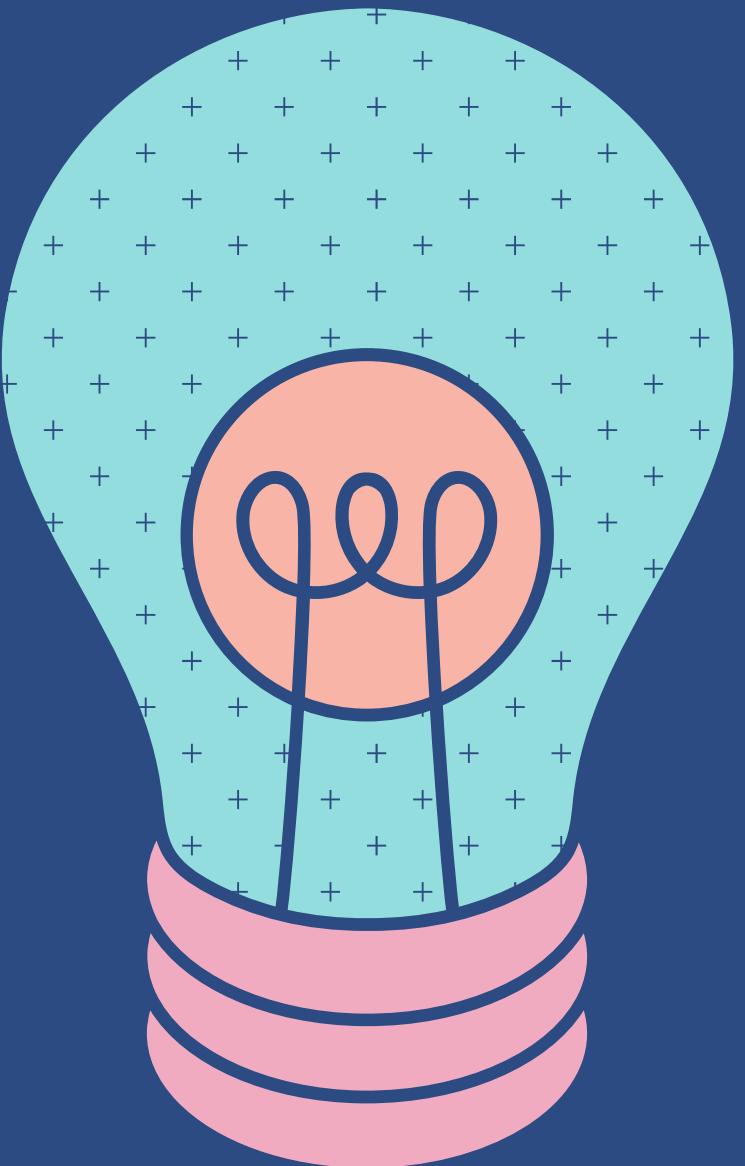
**“Swap the values of two variables
without using a third variable.”**

#ThinkItThrough



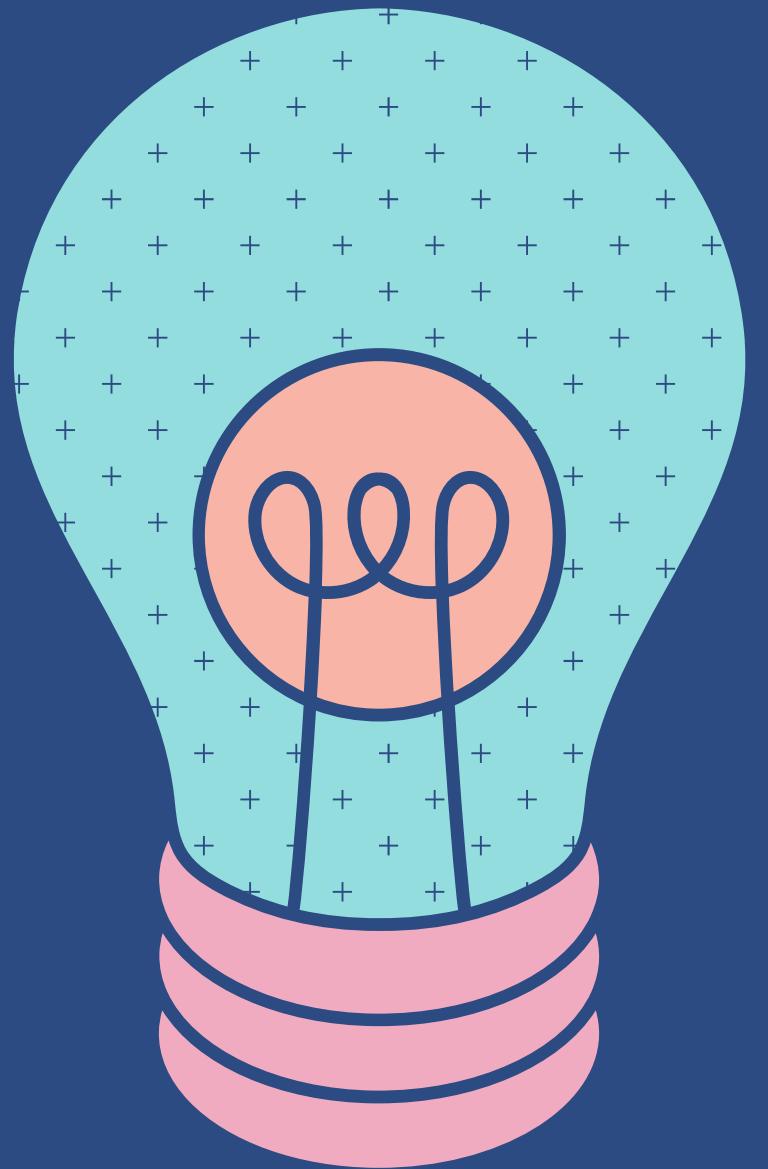
**“I can be cracked, made, told,
and played. What am I?”**

#ThinkItThrough



“Subtract two numbers without using the subtraction operator.”

#ThinkItThrough



```
<div class="wrap">
  <div class="first">
    <img alt="Background image" data-bbox="0 0 1000 1000"/>
  </div>
</div>

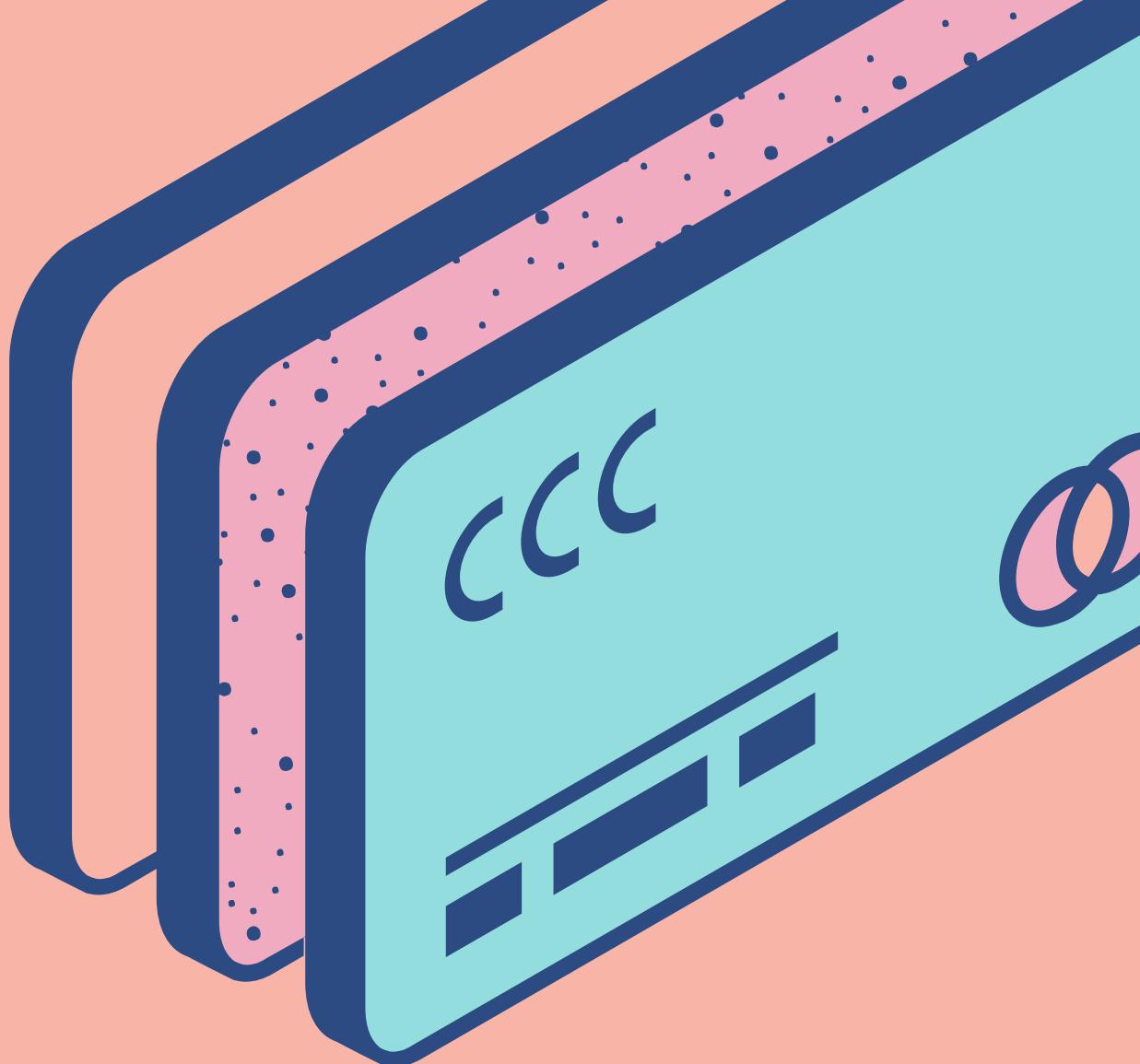
<div class="wrap_2stroke">
  <div class="second">
    <div class="second_center">
      <div class="block">
        <h3>October 2017 - 10</h3>
        <img alt="Background image" data-bbox="0 0 1000 1000"/>
      </div>
    </div>
  </div>
</div>

# main.css
@import url("style.css");
background-color: #333333;
```

HTML class and id Attributes

Adding CSS to HTML

- External CSS
- Internal CSS
- Inline CSS



CSS Selectors

Universal Selector

*

ID Selectors

#id

Element Selectors

<tag>

Group Selectors

p, .para, #special

Class Selector

.className



Setting Text and Background Colour

```
{  
  color:  
  background-color:  
}
```

Adding Background Images

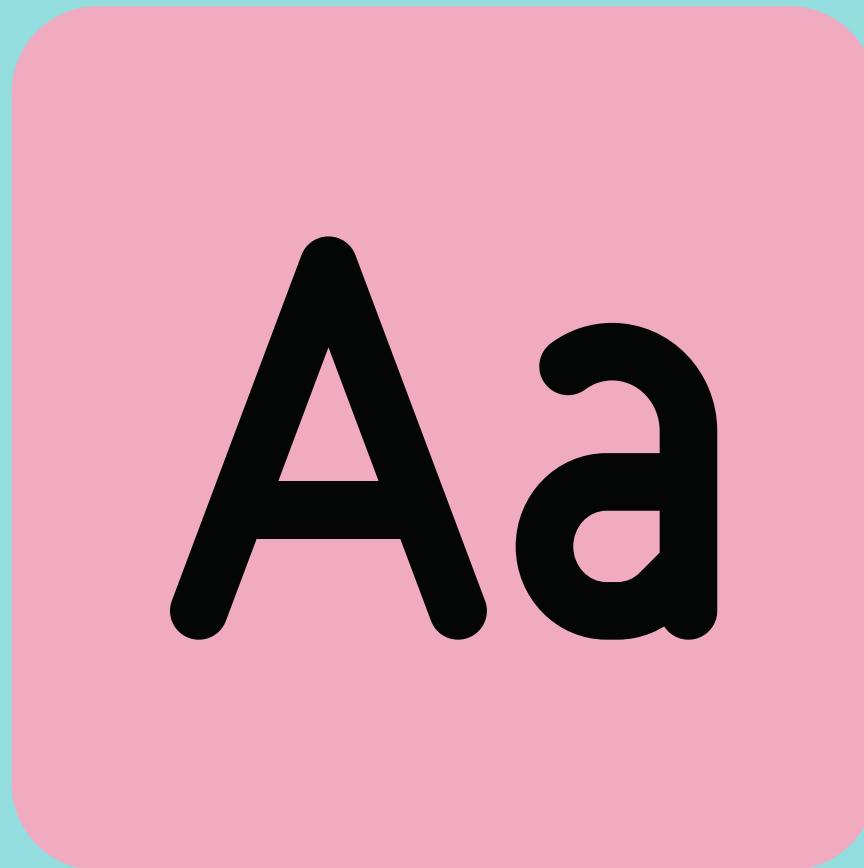


Font and Text Styling

Technology is a powerful tool that has changed how teachers teach and how students learn.

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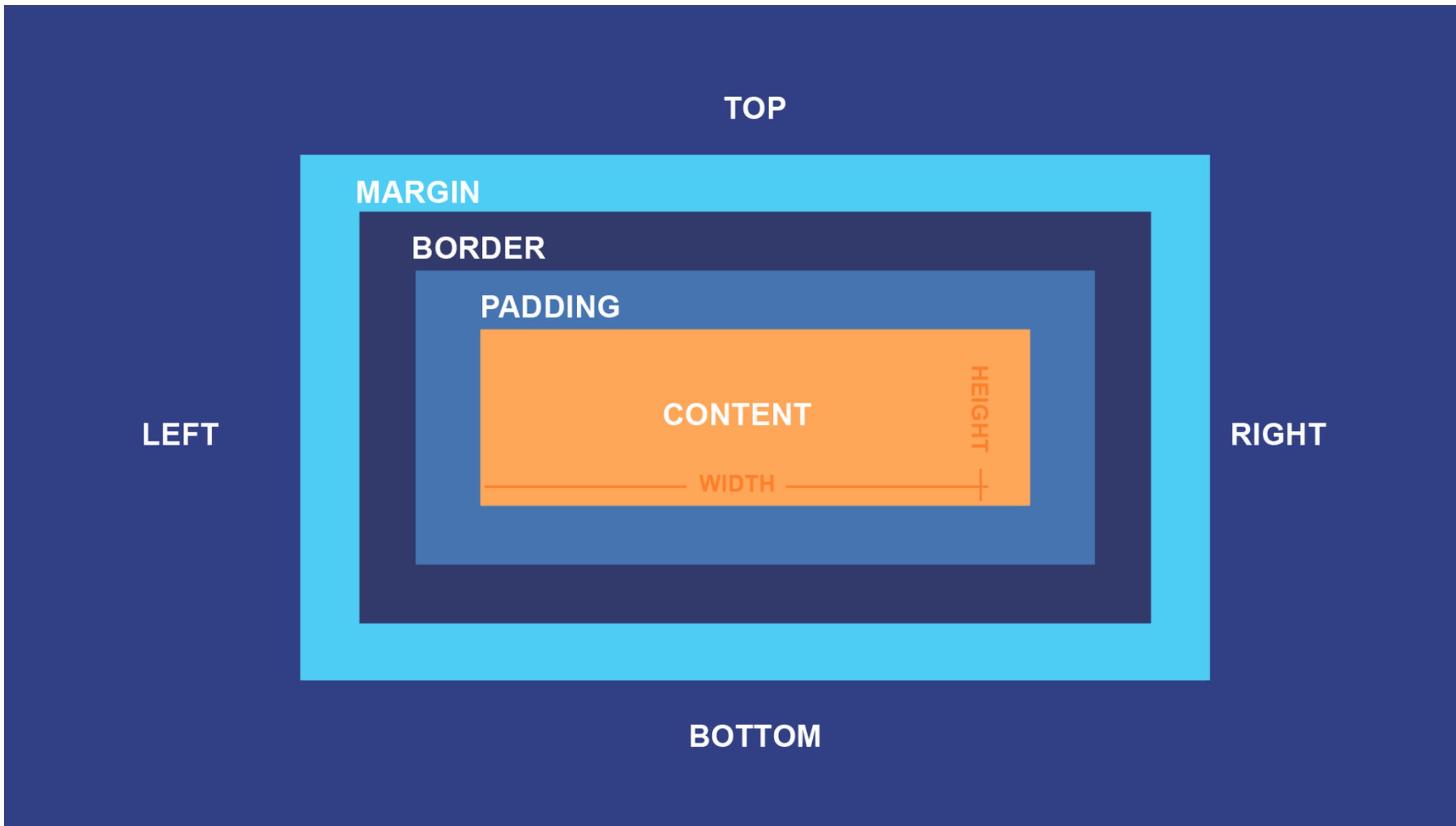
TECHNOLOGY IS A POWERFUL TOOL THAT HAS CHANGED HOW TEACHERS TEACH AND HOW STUDENTS LEARN.



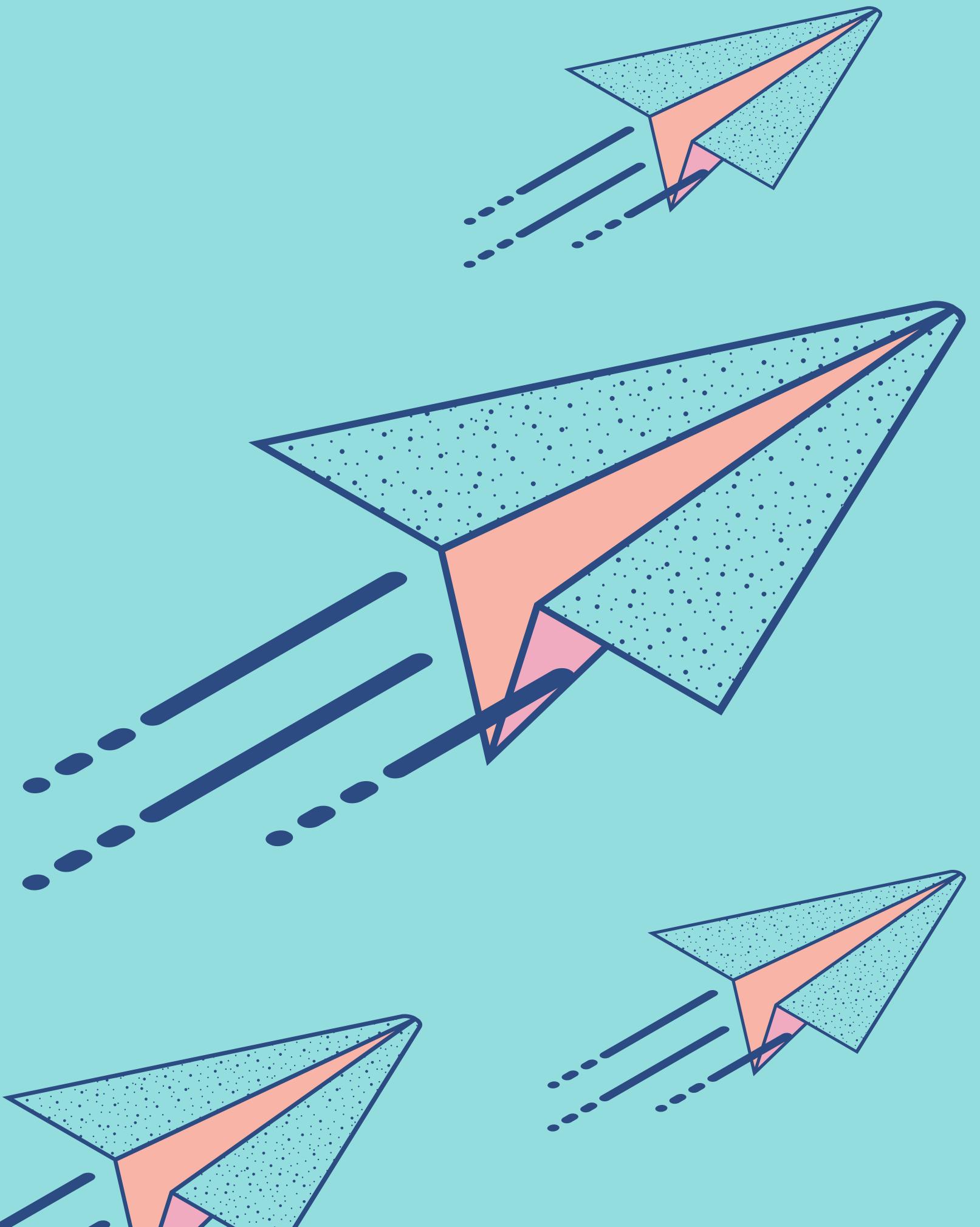
Do you have any questions?



The CSS Box Model



Do you have any questions?



CSS Positioning

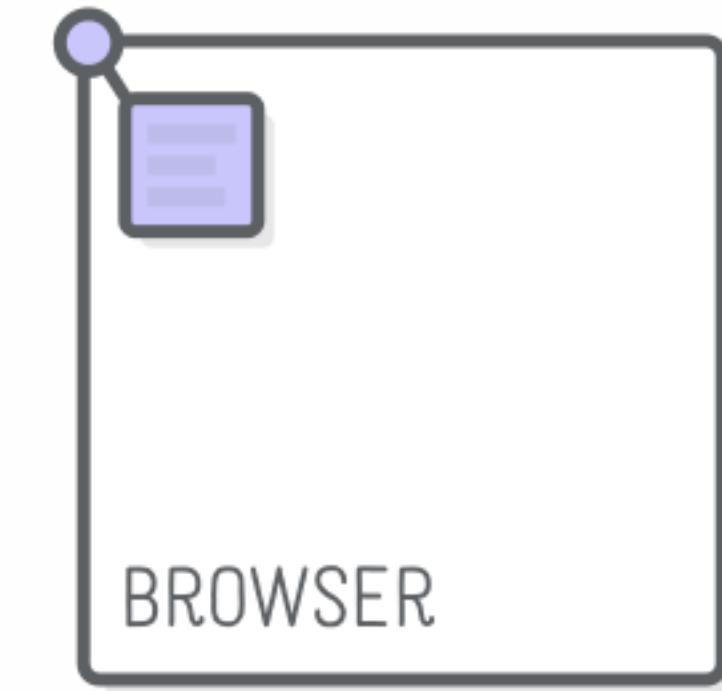
STATIC



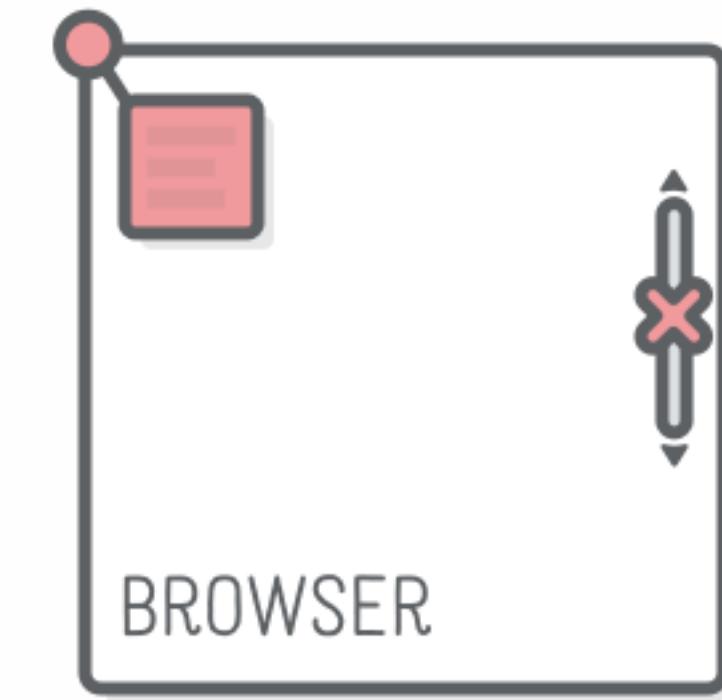
RELATIVE



ABSOLUTE



FIXED



Do you have any questions?



Advanced CSS Selectors

Descendant Selector

div p

General Sibling Selector

div ~ p

Child Selector

div > p

Attribute Selector

*[attribute] (e.g., [target]),
[attribute=value] (e.g.,
[href="https://example.com"])*

Adjacent Sibling Selector

div + p

Pseudo-Class Selector

:hover, :first-child

Pseudo-Element Selector

::first-letter, ::before

Do you have any questions?

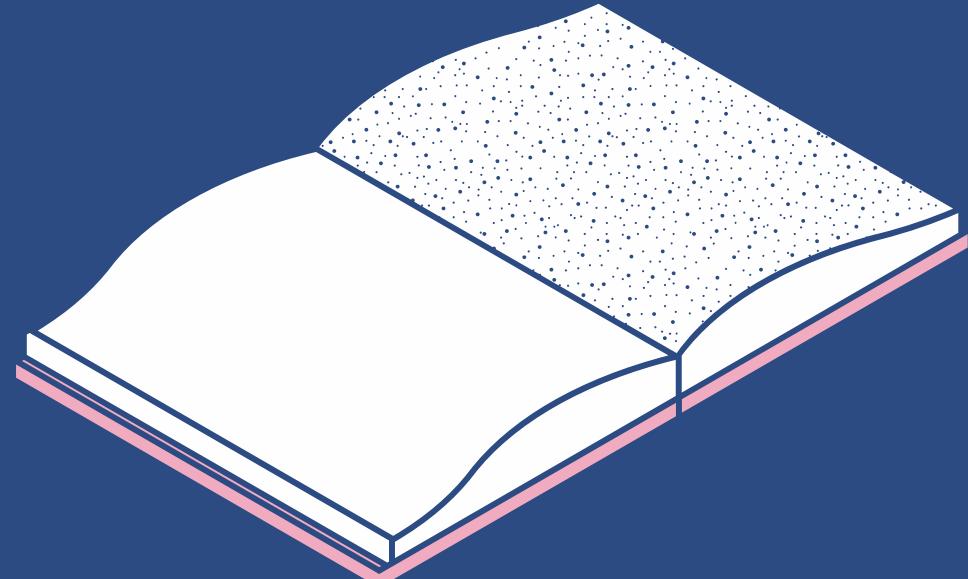


#LetsCode

**Explore your creative side.
Learn a new artform.
Follow your passion.**

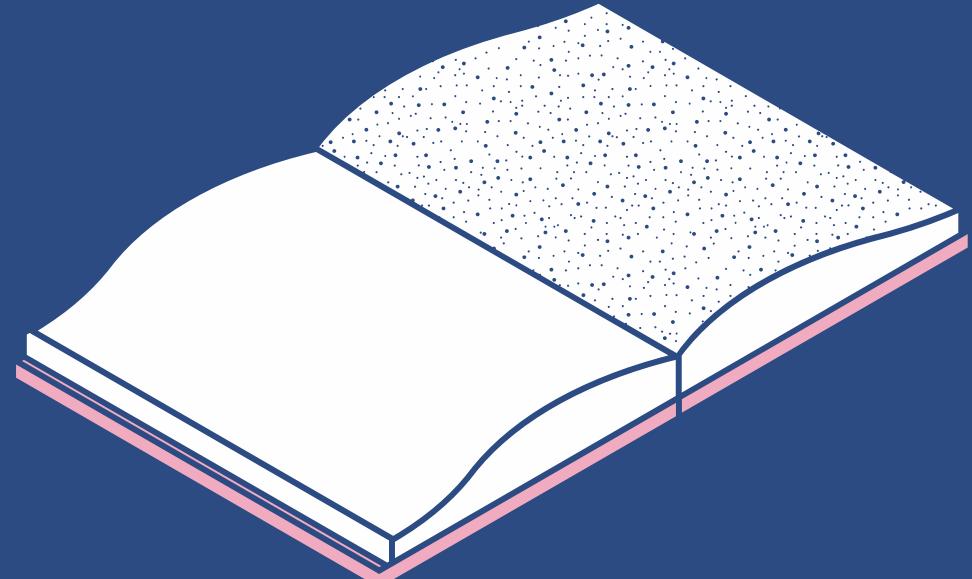
Unboxing Art offers thoughtfully structured art programs, connects you to the right mentors & provides an art community to call 'home'.

Join the community



When you set a custom width to an image, what happens to the height property?

1. Remains the same
2. Becomes equal to the width
3. Automatically reduces while maintaining the aspect ratio
4. None of the above



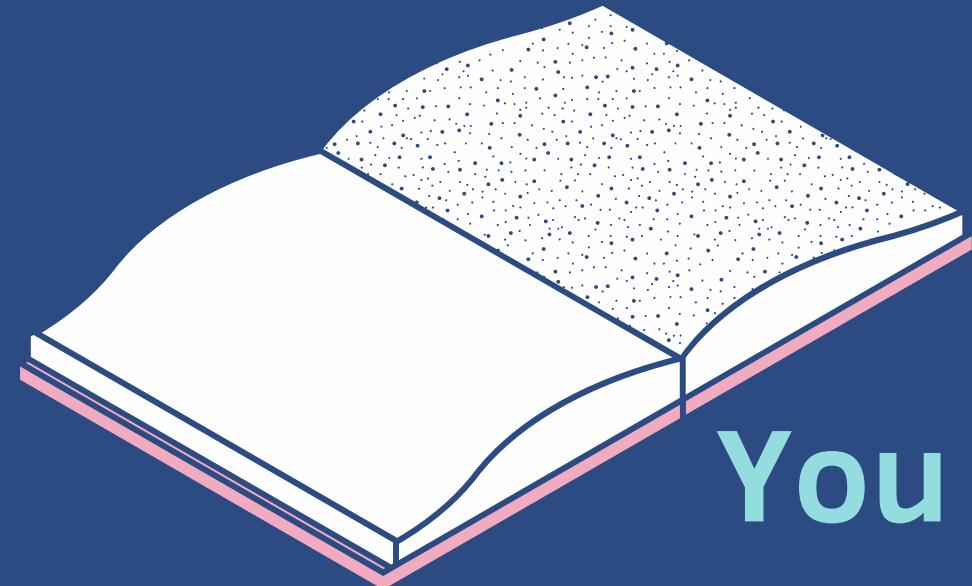
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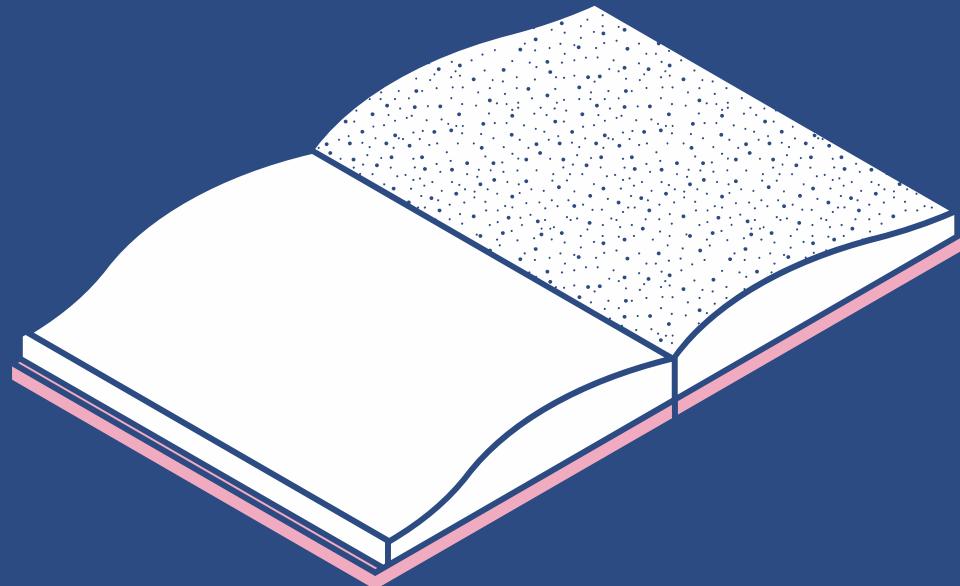
You are required to style a section such that it shuffles between the static and fixed positions based on the user's scrolling of the page. Which of the following position values can be used to achieve this output?

1. Static
2. Fixed
3. Absolute
4. Sticky



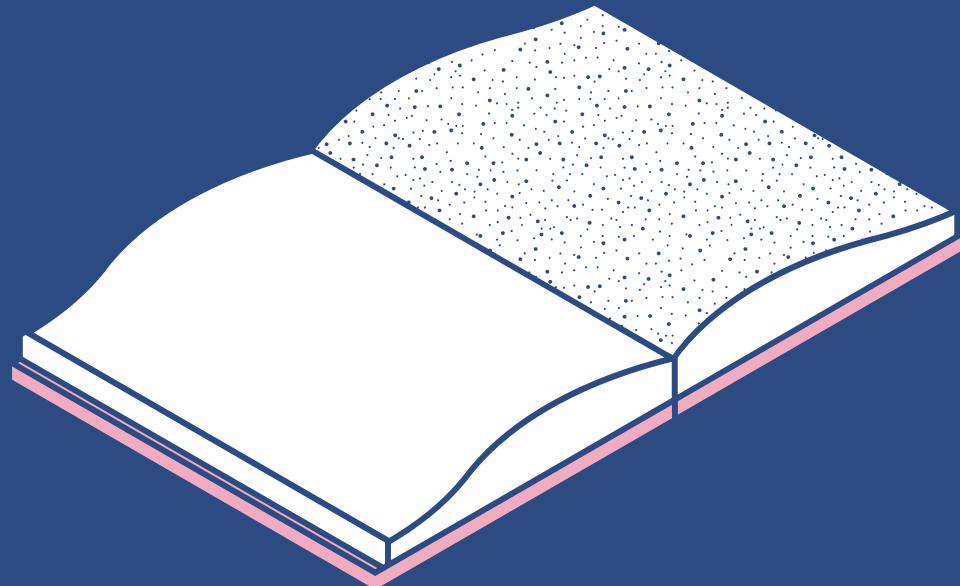
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1. All h1 tags inside the div tag
2. All h1 tags after the div tag
3. The first h1 tag after the div tag
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