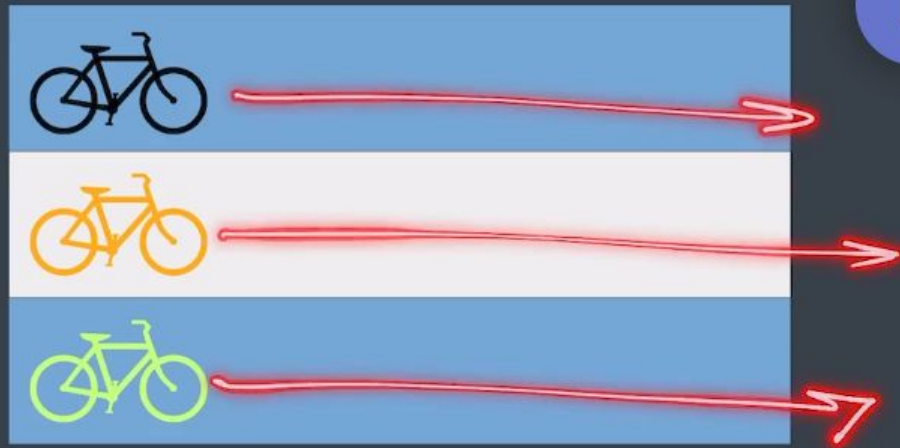


# Inline v/s Block

## Block Elements

Takes up the full-width available (whole block)

Start from new line



## Inline Elements

Takes up only necessary width

Don't start from new line



# Am I Inline or Block?

- Heading Element block
- Paragraph Element  $\langle p \rangle \equiv \langle /p \rangle$  block
- Anchor Tag inline  $\langle p \rangle = \langle /p \rangle$
- Image Element inline

# Div Element



content  
division  
element

Div is a **container** used to hold other HTML elements or group elements together

It is a **block** Element

# Span Element

To exit full screen, press Esc

Span is also a generic **container** used to hold other HTML elements or group elements together

It is an **inline** Element

## Hr Tag

Horizontal Rule Element

This is my name  
who is  

---

Shradha  
I Chopra

`<hr>`

`<br>` line break

## Sub & Sup Tag

$$a^2 = b^2 + c^2$$

Superscript

a `<sup>2</sup>`  
↓  
*a<sup>2</sup>*



Subscript

H `<sub>2</sub>` O

# Semantic Markup

it is the markup that relates to the **meaning of content**

↓  
semantic  
<h1>  
<p>  
<img>

↓  
non-semantic  
<div>  
<span>



To exit full screen, press Esc

# Semantic Markup

it is the markup that relates to the **meaning of content**

- ① meaningful / layout → structured
- ② seo friendly  
↓  
search engine optimization
- ③ readable + screen readers  
↓  
UX ~~UI~~ improve





# Semantic Markup

`<header> </header>`

`<main> </main>`

`<footer> </footer>`

`<nav> </nav>`

↳ navigation

# Semantic Markup

`<article> </article>`

`<section> </section>`

`<aside> </aside>`

## HTML Entities

space

&nbsp;

nbsp - non breaking space

<


&lt;

>

&gt;

- An HTML entity is a piece of text ("string") that begins with an ampersand (&) and ends with a semicolon (;).
- used to display **reserved characters** (which would otherwise be interpreted as HTML code), and **invisible characters** (like non-breaking spaces).
- can also use in place of characters that are difficult to type with a standard keyboard.
- browser interprets them & renders correct character

# HTML Entities



Character	Entity	Note
&	<code>&amp;amp;</code>	Interpreted as the beginning of an entity or character reference.
<	<code>&amp;lt;</code>	Interpreted as the beginning of a <a href="#">tag</a>
>	<code>&amp;gt;</code>	Interpreted as the ending of a <a href="#">tag</a>
"	<code>&amp;quot;</code>	Interpreted as the beginning and end of an <a href="#">attribute</a> 's value.

# Emmet

visit [emmet.io](https://emmet.io)

parent - child relation



family tree

<p>

<div>

</div>

</p>

p > div  
par child

<main>

<p>

<ul>

<li>

<li>

</ul>

</p>

nesting



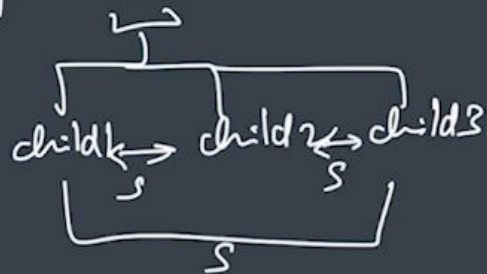
# Emmet

visit [emmet.io](http://emmet.io)

<p>  
    <div> </div>  
    <img>  
    <p>

sibling

par 



p  
    ↓  
    div    img    siblings