

Recap

- ▶ HTML is the content of a webpage
- ▶ CSS determines the look and feel of it



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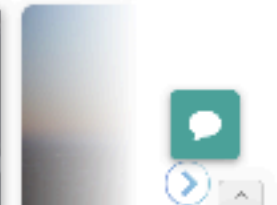
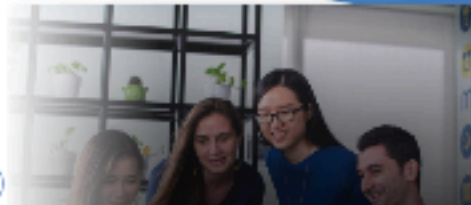
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Recap

- ▶ Take out your phones
- ▶ Kahoot

Layout

How do I get my HTML elements to appear where I want them to?

What will we learn today?

- ▶ How do we arrange HTML elements?
- ▶ What is the parent-child relationship?
- ▶ What are **display** and **position** properties?
- ▶ How do we use **display** and **position** to lay out the elements?

What is display?

- ▶ Lets you adjust **how** elements are placed on the web page
- ▶ Some commonly-used values:

`block`

`inline`

`inline-block`

`none`

`flex`

display: block;

- ▶ Takes up the entire width of the viewport
- ▶ Block is the default value for `div`, `p`, `h1`, `h2`...
- ▶ Let's see it in action!

display: inline;

- ▶ **height** and **width** have **no** effect on a display inline element (except for **img**)
- ▶ This is the default for **img**, **span**, **a**...


```
display: inline-  
block;
```

- ▶ What do you think this does?

Change this to...

Lorem ipsum dolor sit amet consectetur adipisicing elit. Quia, qui.

Lorem ipsum dolor sit amet consectetur adipisicing elit. Inventore, culpa.

Lorem ipsum dolor sit, amet consectetur adipisicing elit.



...this!

Lorem ipsum dolor sit amet consectetur adipisicing elit. Quia, qui.

Lorem ipsum dolor sit amet consectetur adipisicing elit. Inventore, culpa.

Lorem ipsum dolor sit, amet consectetur adipisicing elit.



What is position?

- ▶ Lets you adjust where elements are placed on the web page
- ▶ Used with `top`, `right`, `bottom`, `left`
- ▶ Some commonly used values:

`static`
`relative`
`absolute`
`fixed`
`sticky`

position: static;

- ▶ Default setting

position: relative;

- ▶ Moves the element from where it usually would be
- ▶ Relative to *itself*
- ▶ Usually used with `position: absolute;`

position: absolute;

- ▶ Moves the element from where the nearest positioned **ancestor** is, usually a parent
- ▶ Used a lot with **position: relative;**
- ▶ Easy way to remember:
 - ▶ The **parent** is always *absolutely* right.
- ▶ Elements with this value will be removed from the normal document flow (i.e., they get ignored)

position: fixed;

- ▶ Always stays at one specific place
- ▶ Removed from the normal document flow

position: sticky;

- ▶ Will stick to a specified location when scroll location reaches a specified threshold