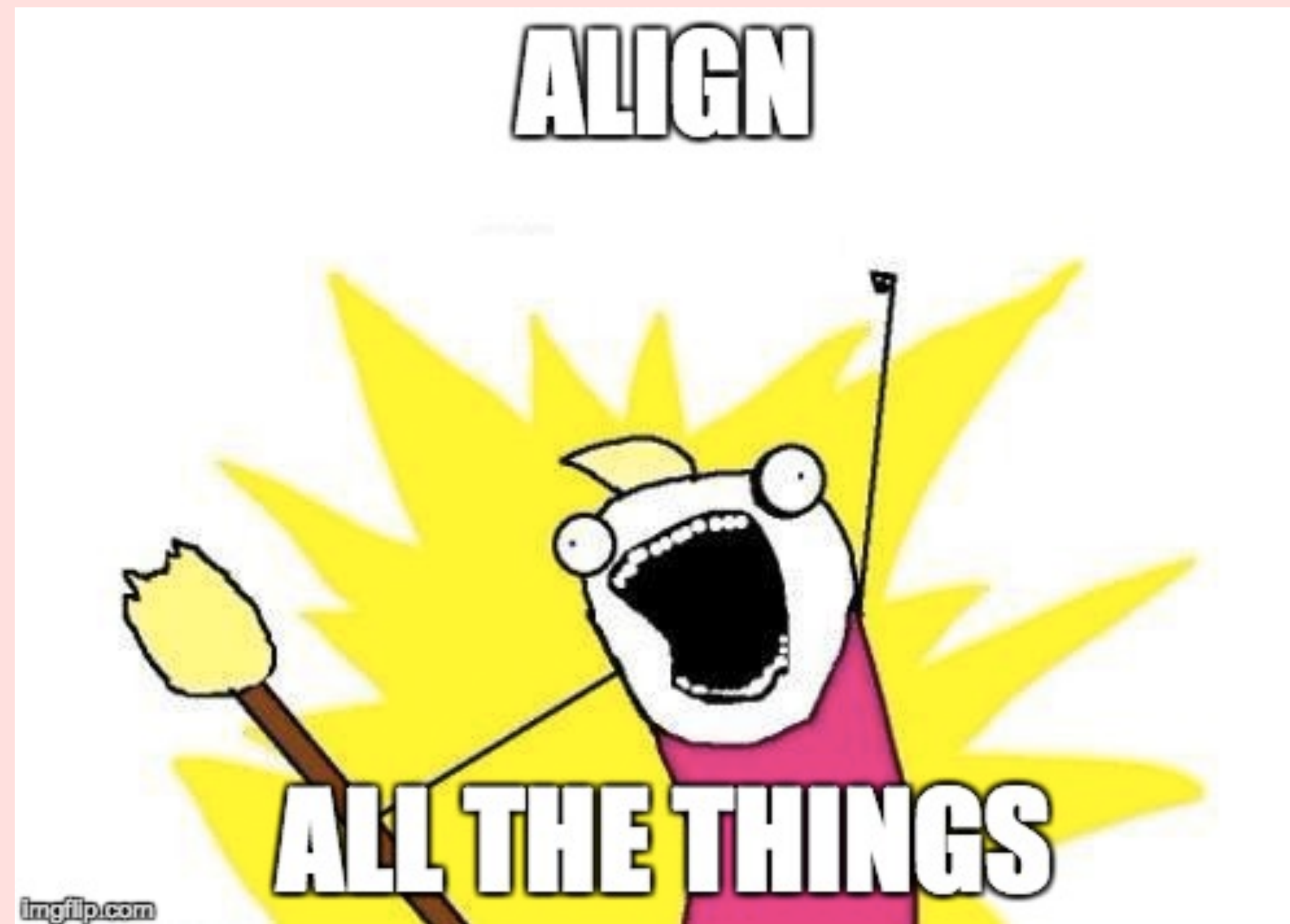# CSS - FLEXBOX

ALIGN

ALL THE THINGS

imgflip.com

with Sanjana

This presentation was built largely based on

This video series:

[Learn Flexbox for free](https://scrimba.com/g/gflexbox)

https://scrimba.com/g/gflexbox

*it's **very** awesome and worth checking out if you want a deeper look at the power of flexbox.*

What we'll be covering today:

A basic layout

Flex-Direction

Justify Content

Grow & Shrink

And if we have time: Order

What we'll be making:

A sweet, responsive nav-bar for any site!

Your basic HTML document

```html
<html>
    <head>
        <link rel="stylesheet" href="basic.css">
        <link rel="stylesheet" href="index.css">
    </head>
    <body>
        <nav class="container">
            <div>Home</div>
            <div>Search</div>
            <div>Logout</div>
        </nav>
    </body>
</html>
```

you can call this file whatever you'd like.
I recommend index.html

basic.css

```css
.container > div {
  padding: 10px;
  text-align: center;
  font-size: 2em;
  color: #ffeead;
}

html, body {
  background-color: #ffeead;
  margin: 10px;
}

.container > div:nth-child(1) {
  background-color: #96ceb4;
}

.container > div:nth-child(2) {
  background-color: #ff6f69;
}

.container > div:nth-child(3) {
  background-color: #88d8b0;
}
```
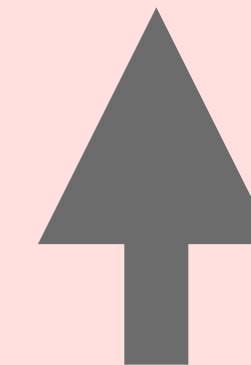
index.css

```css
.container {
  border: 5px solid #ffcc5c;
}
```

this is the one we'll be adding to

Flexbox is all about :
Parents & Children

```
<nav class="container">
  <div>Home</div>
  <div>Search</div>
  <div>Logout</div>
</nav>
```
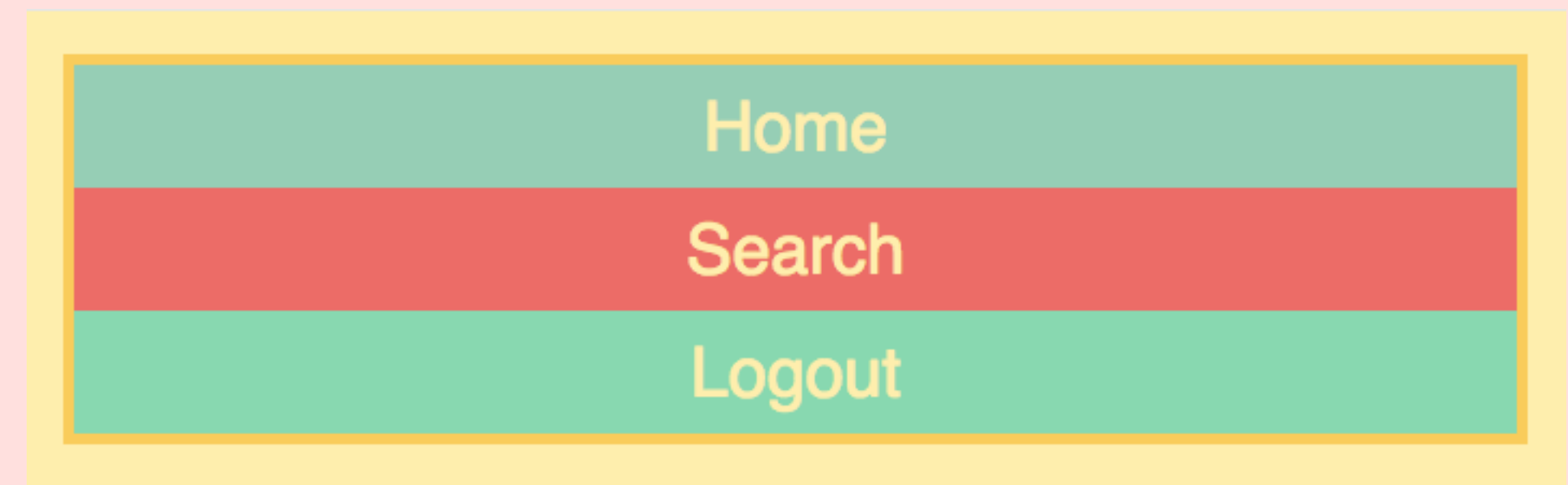
We give the parent:

```
.container {
    display: flex;
}
```

Flex-Direction

```
.container {
    display: flex;
    flex-direction: row;
}
```

```
.container {
    display: flex;
    flex-direction: column;
}
```

Justify Content

Your options:

- *flex-start*
- *flex-end*
- *center*
- *space-between*
- *space-around*

```
.container {
    display: flex;
    flex-direction: row;
    justify-content: flex-end;
}
```

<div style="text-align: right">Home Search Logout</div>

Grow & *Shrink*

These are rules you apply to the *children*

```html
<nav class="container">
    <div class="home">Home</div>
    <div>Search</div>
    <div>Logout</div>
</nav>
```

```css
.home {
    flex: 1 0 0%;
}
```

Home | Search | Logout

```css
.home {
    flex-grow: 1;
    flex-shrink: 0;
    flex-basis: 0%;
}
```

Questions?

THANK YOU!

Want to reach me?

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(you can find these slides here)

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