Front End Fundamentals

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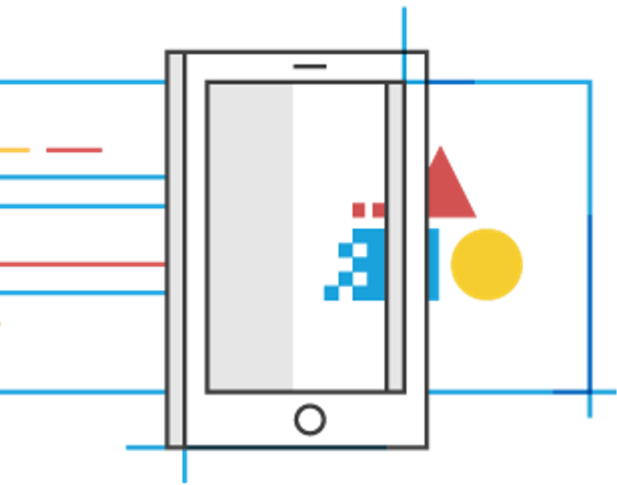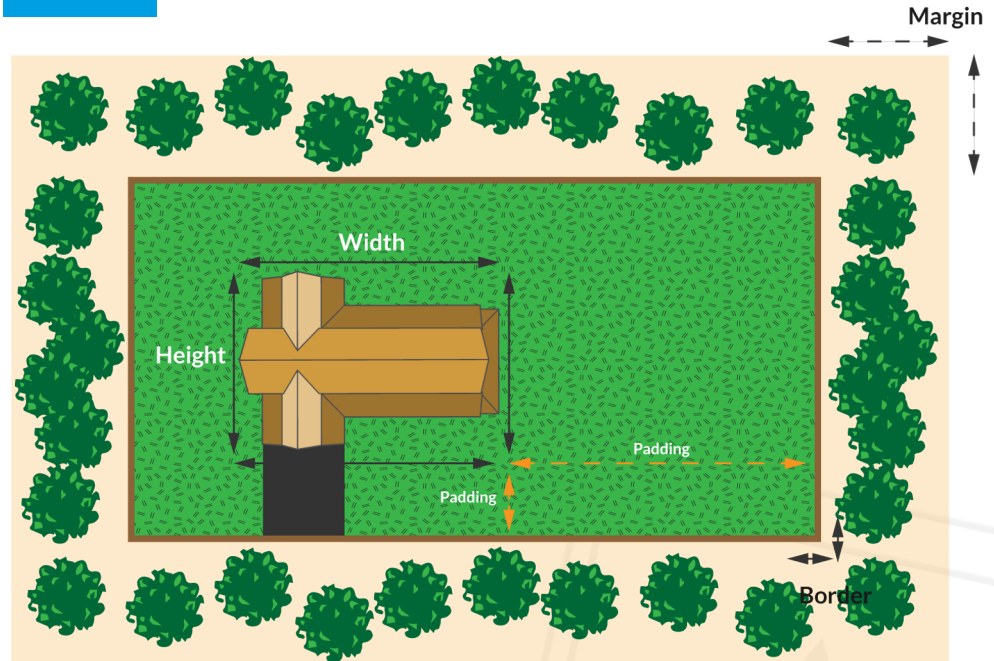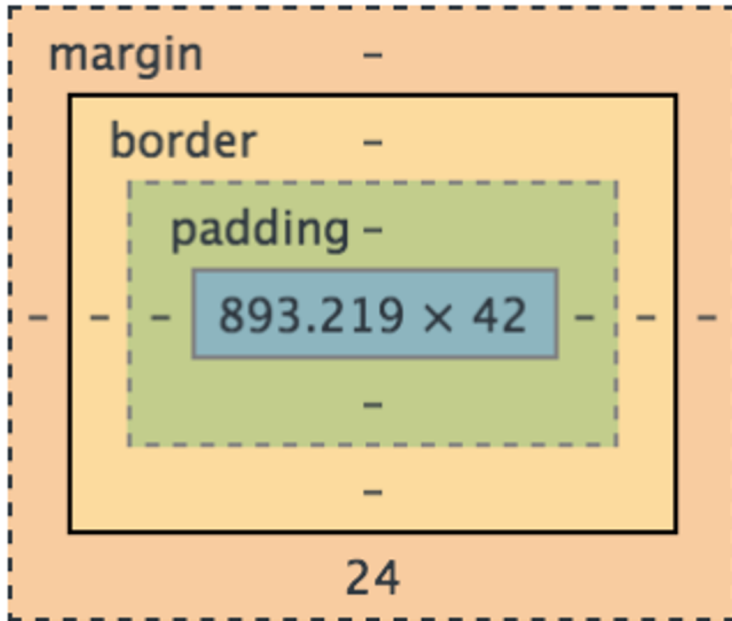
Intro to Flexbox

Objectives

- **Flexbox Basics**
- **Advanced: Demo (Tweet) ***

The Box Model Review

The Box Model

The Display Property

- **block**
- **inline**
- **inline-block**

Flexbox

display: flex;

HTML

```
<article>
    <h2>I'm a title</h2>
    <p>I'm a paragraph tag</p>
</article>
```

CSS

```
article {
    display:  flex;
}
```

Parent Properties

Flex Direction

Sets the direction the children will be displayed in.

- **row (default)**
- **row-reverse**
- **column**
- **column-reverse**

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Justify Content

Determines alignment along the main axis.

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

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Align Items

Determines alignment along the "cross-axis"

- **flex-start & flex-end**
- **center**
- **baseline**
- **stretch**

Flex Wrap

Determines if elements should display on multiple lines

- **no-wrap**
- **wrap**
- **reverse**

Align Content

Determines the alignment of the entire block of elements

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

Child Properties

Order

Controls the order child elements are displayed in

```css
.flex-child {
        order: < integer >;
}
```

align-self

Overrides the default alignment of individual children

- flex-start & flex-end
- center
- baseline
- stretch

flex-grow

Determines if a child element can grow larger

```css
.flex-child {
        flex-grow: < integer >;
}
```

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flex-shrink:

Determines if a flex-item can shrink, if needed

```
.flex-child {
        flex-shrink: < integer >;
}
```

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flex shortcut

A shorthand for 'grow'

```css
.flex-child {
  flex: <'flex-grow'> <'flex-shrink'> <'flex-basis'>;
}
```

Practice

https://flexboxfroggy.com/