

# Frontend Cheatsheet

Hanhee Lee

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### 1 CSS

#### 1.1 Position

**Definition:** Determines how an HTML element is positioned within its containing element or overall website.

- **Static** - Normal
- **Relative** - Shifts the element from its normal position
- **Fixed** - Fixed even when the page is scrolled
- **Absolute** - Element moves independently of other elements
- **Sticky** - Element is normal but becomes fixed when it reaches a certain point

#### 1.2 Display

**Definition:** Determines how the element behaves in terms of layout and visibility within the document. Controls how the elements are displayed.

- **Block** - Takes up the full width available
- **Inline** - Takes up only as much width as necessary
- **Inline-block** - Combines the two
- **None** - Element is not displayed
- **Flex** - Allows for flexible box model
- **Grid** - Allows for grid layout

**Warning:** Use FlexBox Froggy to learn how to use Flex.

## 2 Tailwind CSS

### 2.1 Custom Styles

**Definition:**

1. **Square Brackets** - Used to apply custom styles to an element (good for single use).
2. **Tailwind Config** - Used to add custom styles to the tailwind config file (good for global use).

### 2.2 Clean Code

**Definition:**

- Break your layouts into specific components.
- Use directives (ie. @) for longer list of classes.
  - Base: Applied globally.
  - Components: Applied to specific components.
  - Utilities: Applied to specific elements.
- Use component libraries for buttons, cards, etc.