

## 13.2 - Tailwind 2

- For fancy animations, use the framer library.
- To hardcode the width of a div (without needing grid), you can use `w-[200px]` and to set the div to be the height of the screen, use `h-screen`.
  - Generally, you should avoid hardcoding these pixel values, instead use tailwind's guide on `w-8` (which is 32px etc).
- To give the second div the full remaining width (when using flex), use `flex-1`.
  - Or you can set the width to 100%, which is `w-full`.
- Invisibility (`visibility: hidden`) vs hidden (`display: none`) means, invisible leaves the space of the element in the DOM but hides it, but hidden completely removes the element (useful for when you want the sidebar to disappear for small screens).
  - To unhide the element, use **display: block** or **display: flex**. Else to hide it, use `display: none`.
- Animations in css happen through transition, through transform.
- Transition-all means whenever there is a transition (like padding changing in different screen sizes, or hovering over a button changes its color - all of these are transitions "something changing"), and duration is how long that transition should take.
  - Transition-all includes all properties: fontsize, color, padding, opacity, margin etc.
  - Or to choose a specific property, use `transition-color` or `transition-padding` etc.
  - Transition-all is a class attached by default with `duration-anySeconds`, but if you want to remove all transitions then use `transition-none`.
- Changing the display property is not included in the animation (it would just be displayed or not displayed, there is no in between to animate).
  - Like you can instead decrease its width to 0.
  - Or use the `translate-x-96` or `-translate-x-96` (the minus means it goes to the right, positive means it translates to the left) and then set `md:translate-x-0`.
    - This way you are not removing the component, just pushing it out of the screen on smaller screens.
- Or you can just set the width to 0 on small screens and width to usual size on md or larger.
  - Instead of setting it to hidden, if you wanna put an animation to it.
- For having two divs on top of each other, either you can use grid and absolute position, or still use flex with the `translate-y/translate-x` properties.
- In tailwind, instead of setting a state variable of `darkMode` and then changing styles manually based on that, SIMPLY, use `dark:bg-blue-200` for dark mode and non-prefix color for white mode. The prefix of 'dark:' indicates to dark-mode.
  - To add a button to toggle it, add `darkMode: selector` in `tailwind.config`, then change the base html tag of `index.html` to have `class="dark"`, so your button should manipulate its class.
  - Can be done with `querySelector` of html tag etc - refer to the video or find easier way online.
  - ```
document.querySelector("html").classList.toggle("dark")>>[toggle theme</button>
```