

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>`