

Understanding more about Tailwind CSS





Topics

- Setting up Tailwind CSS using Vite
- Understanding the breakpoint (responsive design)
- Pseudo-class variants in Tailwind CSS
- Exploring the tailwind CSS component libraries like Daisy UI
- Defining the Custom Styles using the tailwind.config.js



Setting up Tailwind CSS using Vite

#1 create Vite project (chose vanilla and then javascript when #project template is prompted)
`npm create vite@latest`

#2 navigate to project folder
`cd your-project-name`

#3 installing tailwind CSS as development environment
`npm install -D Tailwind CSS postcss autoprefixer`

#4 generate tailwind CSS config(it will generate tailwind.config.js #and postcss.config.js)
`npx tailwindcss init -p`

#5 Add Tailwind CSS directive to CSS(styles.css)
`@tailwind base;`
`@tailwind components;`
`@tailwind utilities;`

#6 run the server
`npm run dev`





Pseudo-class variants in Tailwind CSS

Breakpoint prefix	Minimum width	CSS
sm	640px	@media (min-width: 640px) {.....}
md	768px	@media (min-width: 768px) {.....}
lg	1024px	@media (min-width: 1024px) {.....}
xl	1280px	@media (min-width: 1280px) {.....}
2xl	1536px	@media (min-width: 1536px) {.....}



Pseudo-class variants in Tailwind CSS

- Hover
- Focus
- Active
- Group



Exploring the tailwind CSS component libraries like Daisy UI

#1 install daisyui as dev dependency

```
npm i -D daisyui@latest
```

#2 Add daisyUI to your tailwind.config.js files

tailwind.config.js

```
module.exports = {  
  // ...  
  plugins: [require("daisyui")],  
}
```



Defining the Custom styles using the `tailwind.config.js`



▶ **THANK YOU** ◀