

24/01/2023

Tailwind CSS

This is a utility based CSS framework by which we can style our webpage. We will be styling our webpage without leaving our HTML webpage.

Setup tailwind

Go to official website & select play CDN & copy `<script>` tag code in head tag. By this method, we won't get any suggestions. Suggestions don't come.

Classes in tailwind

- (1) `class = "flex"`
This is used to make our container flexbox.
- (2) `class = "justify-evenly"` Same as `justify-content space-evenly`.
- (3) `class = "mx-4"` This is used to give margin into the x-direction.
- (4) `class = "bg-red-400"` Setup the background color.

Setup of tailwind CSS

1) Install node.js in your computer and then keep on click next until we reach the finish button.

2) If VS code was open, then just restart the system / VS code. Now open terminal in the VS code.

3) Run command

```
npm install -D tailwindcss postcss autoprefixer vite
```

Wait for the command to execute fully.

4) After the above command is fully executed, run another command

```
npx tailwindcss init -p
```

Wait for the command to get fully executed.

5) Now we have to check whether extension of tailwind CSS intellisense has been installed or not. If not, then install the extension.

6) Now on the left side, go in tailwind.config.js, add the * in content.

```
content : [ "*" ] ;
```

7) Now go inside the file named package.json & add the script


```
"scripts" : {  
  "start" : "vite"  
},
```

8) Create css file say style.css & link it with the html file. Now write 3 lines in this css file

```
@tailwind base;  
@tailwind components;  
@tailwind utilities;
```

9) Now in the terminal, write the following command

```
npm run start
```

We will see a link under local : _____. Go on the link & this will act as the live server now.

Razorpay clone website classes used

- (1) class = "bg-deepBlue" To make the background color deepBlue. We have mentioned the color in the tailwind.config.js file.
- (2) class = "relative" This is used to set the position property as relative.
- (3) class = "w-[1080px]" To explicitly give width to container & the width give is 1080px.

(4) `mx-auto` This is similar to `margin: 0 auto` in CSS & is used to horizontally center the element i.e equal margin from left and right side.

(5) `flex` To make the container flexbox.

(6) `items-center` To align the items according to vertical axis & is same as `align-items: center`;

(7) `justify-between` This is used to provide equal space between the elements & it is same as `justify-content: space-between`;

(8) `cursor-pointer` This is similar to the cursor: pointer; i.e. our cursor becomes like hand when hovered over the element.

(9) `py-7` To give padding from top & bottom 7px.

(10) `pr-7` To give padding from right equal to 7px.

(11) `text-white` To make the text color as white.

(12) `font-mullish` To apply font-family as mullish

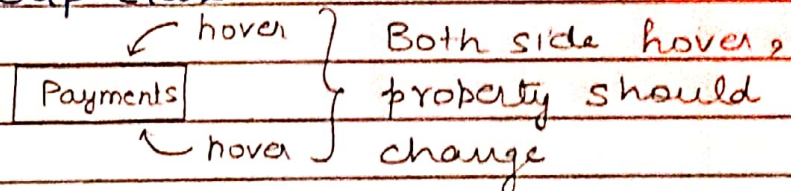
(13) `hover:text-lightBlue` Whenever hovered

over element, the text color will change to lightBlue.

(14) transition-all The transition property will be set for everyone

(15) duration-200 The transition-duration will be 200 ms.

(16) group When we want to style an element based on state of some parent element, mark the parent with group class



(17) w-full Take full width of its parent.

(18) h-1 This is equivalent to height : 0.25 rem.

(19) hidden This is to make display hidden

(20) group-hover : block Whenever we hover over the group/parent, make the display block.

(21) bottom-0 This is equivalent to bottom : 0px;

(22) space-x-6 This means margin-left is 1.5 rem.

(23) gap-6 This means gap : 1.5 rem;

- (24) `border-lightBlue` To give color to border
`lightBlue`.
- (25) `border-2` To set border width as 2 px
- (26) `rounded-sm` Used to give border-radius
as `0.125rem`
- (27) `text-sm` To make text size as `0.875rem`
- (28) `font-bold` `font-style` / `font-weight: 700`