* Tailwind CSS *

-> It is used to style website in the fastest and easiest way.

-> It basically a utility-first css framework for rapid building user interfaces.

-> You do not have to create a seperate file for styling, like css file.

-> minimum lines of code is there.

-> There are Two ways to Install Tailwind in your project

i) Install Tailwind via Npm.

ii) Install ~~using~~ Tailwind using via CDN.

-> It has been supported by various browsers

i) Google © Chrome

ii) Microsoft Edge.

iii) Firefox.

iv) Safari

Steps by to install tailwind via npm

i) npm init -y.

ii) npm install -D tailwindcss postcss autoprefixer vite

iii) npx tailwind config.js

iv) then in tailwind, module -> content: [ ] Add * in this content: ["*"] - for to Add tailwind in all files.

v) then in package.json, in script

test : echo -> Reply it by.

"start": "vite"

-> Then if you want to run the server just type npm run start.

vi) Create input.css and link this file to index.html

Add

i) @tailwind base;

ii) @ tailwind components;

iii) @ tailwind utilities;

vii) Then type npx tailwind init -p to generate postcss config file.

** Why to use Tailwind CSS

i) No more naming of class & id, it is very hectic for a developer to remember and write the unique name for the id & class.

ii) It will not make your website slow.

iii) It is responsive, with the help of break point in same element only

iv) It is different from writing Inline CSS.

v) It is speedy development.

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-> Dis Advantage.

i) An installation required.

ii) HTML & Styling are mixed which is complex and hard for a developer.

*Tailwind Font family *

→ Font family class

There are 3 font family.

i) Font-sans.
ii) Font-serif.
iii) Font-mono.

→ In this family, suppose browser doesn't support one font then it will apply another font because it has define various font for various operating system.

Syntax

```
<P class="font-sans">
<p class="font-serif">
<p class="font-mono">
```

It will generate output depends upon what type of browser you opening.

* Font size *

This class is used to set font size of that element.
↳ It is the replacement of font-size property.

There are lots of font size classes.

i) text-xs: for extra small.
ii) text-sm: for text size as small.
goes upto.
iii) text-9xl - mines 9 times extra large.

Syntax :

<p class="text-xs"> This font size is xs </p>

To

<p class="text-9xl> This font size is 9xl </p>

* Tailwind font weight *

It is used to gave weight to your text.

→ This property is replaced by font weight property.

Syntax

 Font weight is 100

To

 Font weight 900

* Font style *

2 types :) italic :ii) non-italic

 This font is italic

 This font is non-italic

* Text Alignment *

Four Types to align text.

i) text - left iii) text - right
ii) text - centre iv) text - justify

-> This property is replaced by text - align.

Syntax

<P class:- text - left> This is in left side </P>

<P class = " text - right> This is in Right side </P>

<P class = " text - center> This is in center </P>

<P class = text - justify"> Text is Justified </P>

* letter spacing *

-> It is used to gave spacing between two letters
-> This property is replaced by Letter-spacing.

1) tracking - tighter.

2) tracking - normal.

3) tracking - wider.

* Text - Color *

-> This property is used to text your color.
-> This is replaced by ~~text~~ color property.

* Text color classes are

<p class = "text - red"> Transparent text </p>
<p class = "text - current> " "
" " " - gray-500> " "
<p " " " Red - 900> " "

* Text - Opacity *

-> It is used to describe the transparency level of the text.

<p class "text - 100 ~~=~~> Tailwind </p>

⋮

<p> 25 > </p>

* List Style type *

-> It it used to list your items in order.
Numerical, decimal or none.
-> It is replaced by .list style type.

There are 3 types.

1) List - none. 2) List - disc 3) List - decimal.

```
<ul class = "list-disc">
    <li> C++ </li>
    <li> Mern </li>

<ol class = "list-decimal">
    <li> C++ </li>
    <li> Mern </li>

<ol class = "list-none">
    <li> C++ </li>
    <li> Mern </li>
```

* Background -color *

-> This property is used to color your bakgrou in less coding.

-> It is replaced by background -color.

* Background color classes

< p class = " bg -transparent > Tailwind

<|P>

< p class = " bg - current > Tailwind

<|P>

< p class = " bg - gray - 700 > Tailwind.

<|P>

< p class = " bg - red - 700 > Tailwind

<|P>

< p class = " bg - purple - 700 > Tailwind

<|P>

* Tailwind Background Position *

-> It is used to give position to the background.
-> It is replaced by background-position property

-> classes.

1) bg-left-top 2) bg-top 3) bg-center.
4) bg-right 5) bg-left 6) bg-bottom.

Syntax

```
<div class = "bg-top"> Tailwind </div>
```

* width in Tailwind *

-> It is used to give width to your class.
-> It is ~~big~~ write by w-0, w-1, like.

Syntax

```
<div class: "w-0"> w-0 </div>

:
:

<div class: "w-full"> w-full </div>
```

* Height in Tailwind *

→ It is used to give height to your text.
→ It is just by h-0, h-1, h-px., h-full.

Syntax

```
<div class="h-px"> H-px </div>.
:
:
<div class="h-24"> H-24 </div>
```

* Padding in Tailwind *

→ It is used to give border space between content and borders.
→ It is replaced by padding property.

Syntax

```
<div class="p-0 "> Tailwind </div>
:
:
<div class="px-py"> Tailwind </div>
```

* Margin in Tailwind *

→ In this it will gave space between screen to border.

→ It is replaced by margin, and written like m-0.

Syntax

m-0 → This is defined the margin of all sides.

my-0 → It is used to defined on top.

ex

<div class="m-0"> Tailwind </div>

⋮

<div class="ml-2"> Tailwind </div>

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* Border Radius *

-> It is used to gave border radius to the div.

-> It is replaced by border-radius- property.

-> It is mostly used for making ~~bottom~~ button.

-> class:- rounded-none, rounded-sm, rounded-2x4

Syntax

<div class:" rounded. border-2 > 1 </div>

⋮

<div class:" rounded-full > 2 </div>.

* Justify content *

-> It is used to justify your content.

-> It is replaced by justify-content.

< div class = " justify - > Tailwind </div>

⋮

< div class = " justify-center > Tailwind </div>

* Table *

2 types:

-> table: auto.

-> table: fixed

```
<th>
  <tr>
    <td>
    </td>
  </tr>
</th>
```

This is how we will make your table.

* Space Between *

-> It is very important class used to gave space between two content.

-> It is replaced by space-between property, mostly used for navbar creation.

-> classes

↳ spay-y-0

↳ space-x-0

Syntax

<ul class = "space-y-0"> ..... </ul>

Example

<nav class="flex bg-zinc-400">

<ul class="flex space-x-3">

<li> Home </li>

<li> Resume </li>

<li> About </li>

<li> Contact </li>

</ul>

</nav>.

* Border width *

-> It is used to gave width to your border.
-> It is mainly to make button lokes good.

-> classes.
border, -0 border - 2

Syntax

<div class = " border - 2 "> - Tailwind </div>

example :

<div class = " w - 5f · mx - 8 px - 8 bg - red - 7
text - white rounded - 1g border - 2 border -
yellow - 900" > Tailwind </div>

* Cursor *

-) This property decided that what Type of cursor you want to display on your screen.

-) Syntax

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example.

<div class=text-center bg-red-200>
<h1 = class =" text-green text-5xl .font bold>

<div class = "cursor-auto bg-yellow > Tailwind

< div class : cursor-default -bg-purple> Tailwind

<div class = "cursor-help . bg-blue > Tailwind

< div class = "cursor-wait bg-white> Tailwind

< div class =" cursor-not-allowed > Tailwind

* Float *

-> It is used to align your text from left to right
-> It is replaced by CSS Float properties

class -

1) Float-right 2) Float-left 3) Float none

Syntax content

 content

* Flex *

-> It is used to align your whole text in a row or in a column.

-> 1) Flex-row 2) Flex-col,
3) Flex-row-rev 4) Flex-col-revs

Syn

 Tailwind