CSS

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Documentation : https://developer.mozilla.org/en-US/docs/Web/CSS
YT Link : CSS Tutorial for Beginners | Complete CSS with Project, Notes & Code

Emmet are short forms / abbrevation type which create a long html code
For eg : !+enter : it will create a html boiler plate code .

Three types of CSS :
1. Inline CSS
2. <style> tag
3. External stylesheet

Properties of CSS:

1. color : used to set the color of foreground
2. background-color :
3. text-align : left /right /center/ start / end.
4. text-decoration: underline/overline/ line-through/ none(ex: to remove underline from anchor links)
5. font-weight : normal / bold/ bolder/ lighter || range 100-900 (How much your font is lighter or bolder)
6. font-family : arial / roboto || style of the text
7. font-size : _px || in pixels (1inch = 2.54cm = 96px)
8. line-height: _px || ho much height you want to give for your line
9. text-transform : uppercase/ lowercase/ capitalize/ none || changing the case

Color System :

Color picker : https://www.google.com/search?q=color+picker&rlz=1C1UEAD_enIN1079IN1079
&oq=color+pi&gs_lcrp=EgZjaHJvbWUqCggAEAAYsQMYgAQyCggAEAAYsQMYgAQyCggBEAAYsQMYgAQyBwgCEAAYgAQyBggDEEUYOTIHCAQQABiABDIKCA
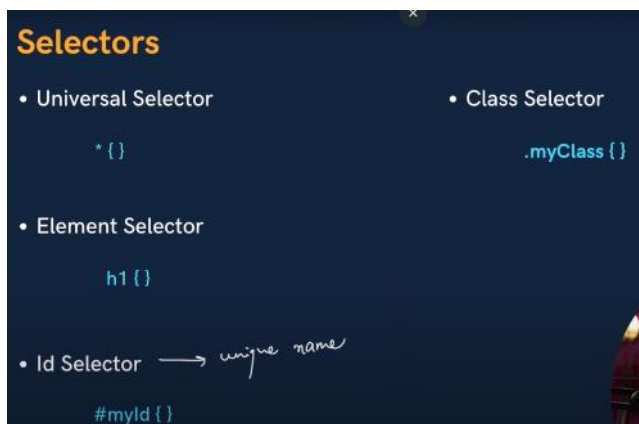UQABixAxiABDIKCAYQABixAxiABDIHCAcQABiABDIHCAgQABiABDIKCAkQABixAxiABKgCALACAA&sourceid=chrome&ie=UTF-8

Two Types :

1) RGB
2) Hex

Color pallte : https://coolors.co/
Use for the color shades combination which you can use in ur website as these colors go well with each other

NOTE : CSS color properties in .css file priority is from top to bottom.

lorem + enter = Radomr text generated.

LEVEL 2 : BOX MODEL

Box Model in CSS

- Height
- Width
- Border
- Padding
- Margin

Border

Used to set an element's border

border-width : 2px;
border-style : solid / dotted / dashed
border-color : black;

Border

Shorthand

border : 2px solid black;

width   style   color

NOTE : TO MAKE A CRICLE OF DIV :
      Height = width and border-radius=50%

Padding

Shorthand

padding: 50px;   TRBL

padding: 1px 2px 3px 4px;

top | right | bottom | left -> clockwise

NOTE : Set *{
        padding : 0;
        margin : 0;
        }

DISPLAY PROPETIES :

Display Property

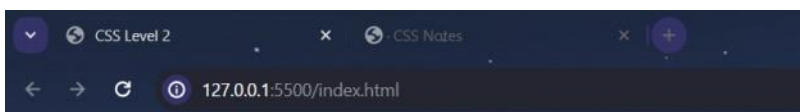*display: inline / block / inline-block / none*

- **inline** - Takes only the space required by the element. (no margin/ padding)

- **block** - Takes full space available in width.

- **inline-block** - Similar to inline but we can set margin & padding.

- **none** - To remove element from document flow.
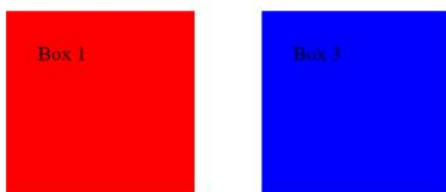
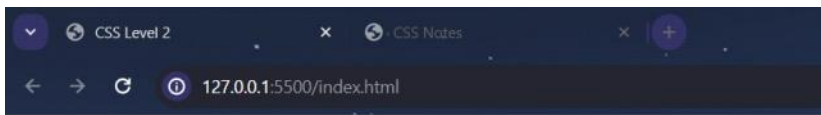 *NOTE : With Help of Inline-block we can do this :*

Display : none = It will remove the entire box

Visibility: hidden = it will hide the box but it will reserve the area of tha box

Alpha Channel

LEVEL 3 :

Units in CSS :

Position

- static - default position (The top, right, bottom, left, and z-index properties have no effect)

- relative - element is relative to itself. (The top, right, bottom, left, and z-index will work)

- absolute - positioned relative to its closest positioned ancestor. (removed from the flow)

- fixed - positioned relative to browser. (removed from flow)

- sticky - positioned based on user's scroll position

NOTE : For the "**position : sticky**" you need to give offset from *left* and *top.*

PROPERTIES CONTINUED :

1. Background-image : url("the path")
2. Background-size : cover / contain / auto || We always prefer cover property.

LEVEL 4 : FLEX BOX
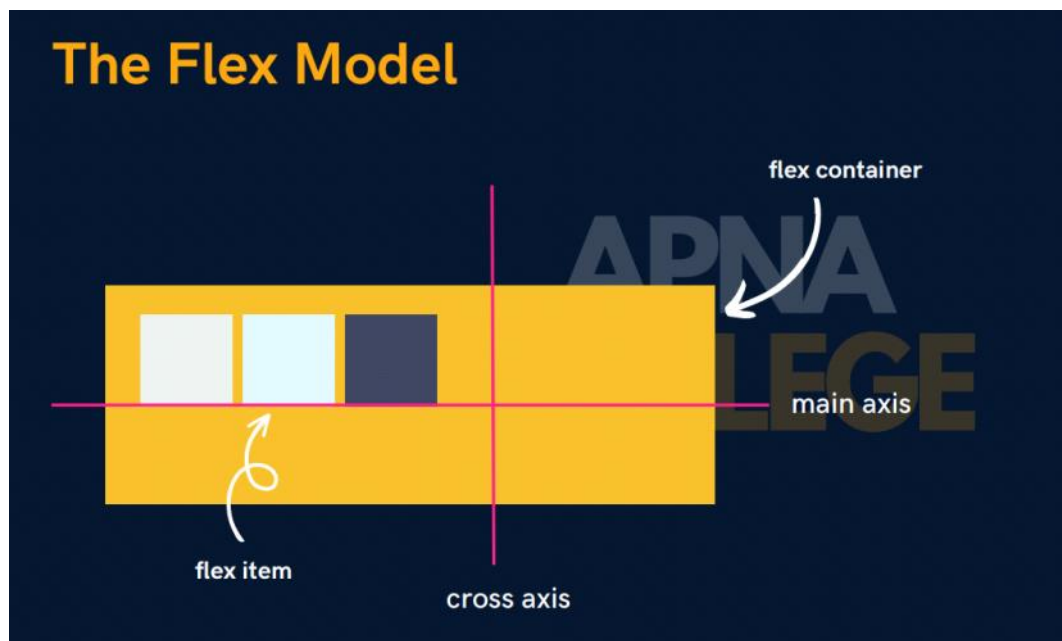
To use the flex box set the container (a div containing another div's) property = *display : flex*

Flex-direction : | Property for the Container only NOT for individual items

NOTE : FLEX Items will always try to fix/fit in the flex box

With flex-wrap : wrap
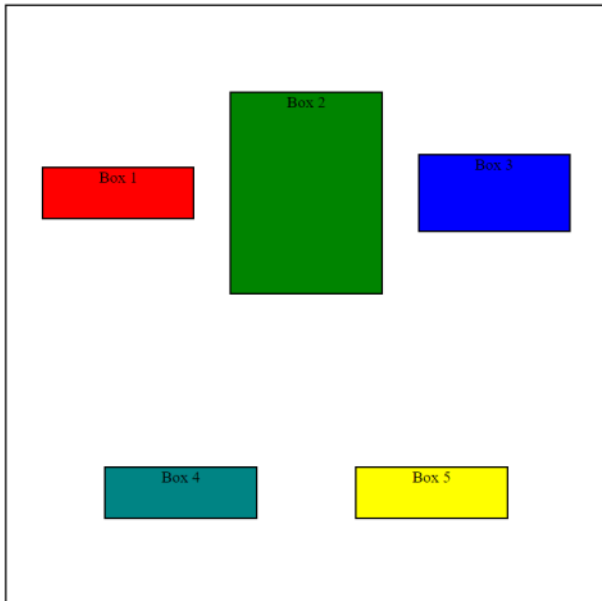
Without flex : wrap :
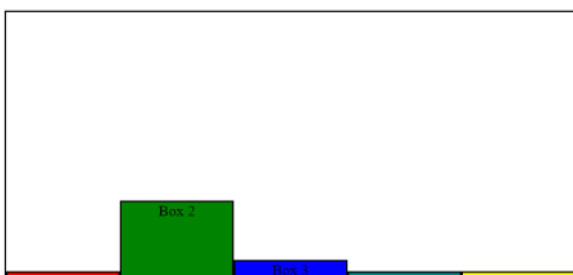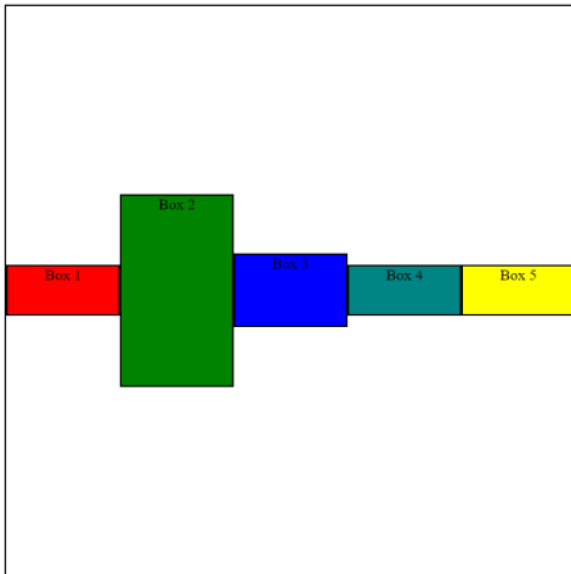
To remove the disc or the circle before rhe list items

```
li {
  list-style-type: none;
}
```

LEVEL 5 : Transitions And Animations

REFER CSS NOTES FOR IT

FINAL PROJECT : AMAZON CLONE

 icons : https://fontawesome.com/search?m=free&o=r
Cdn link to icons : https://cdnjs.com/libraries/font-awesome

```
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.5.1/css/all.min.css"
    integrity="sha512-DTOQO9RWCH3ppGqcWaEA1BIZOC6xxalwEsw9c2QQeAIftl+Vegovlnee1c9QX4TctnWMn13TZye+giMm8e2LwA=="
    crossorigin="anonymous" referrerpolicy="no-referrer" />
```

To add got the the : https://fontawesome.com/search?m=free&o=r website and search for logo , tap it it will give the class name add it in ur html.