

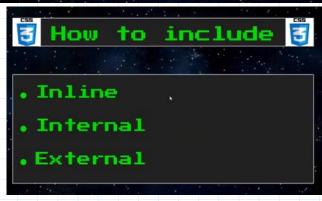
```
Imagine we are building a house...

HTML = structure (ex. floor, roof, walls)

CSS = decorations (ex. paint, furniture)

Javascript = function (ex. lighting, plumbing)
```

```
h1{color:green;}
```



https://ui.glass/generator/

Id > #Idname

Closs > . Clossname

Inline CSS styling

— We can find an element that we want to edit by styling it

Internal CSS styling

— We can target all instances of a certain tag whatever CSS properties we list

Targets all paragraphs

CSS Demo

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Lorem ipsum dolor sit amet consectetur adipisicing facere recusandae blanditiis numquam aliquid, sapi

Targets only specific id

CSS Demo

Lorem ipsum dolor sit amet consectetur adipisicing elit. Sunt quam quia nihi quas libero totam labore fugit sit ipsa, ratione corporis excepturi voluptatum,

Lorem ipsum dolor sit amet consectetur adipisicing elit. Magnam minus exer facere recusandae blanditiis numquam aliquid, sapiente placeat iure. Dicta ip

```
Targets only specific class
           background-color:□#111111;
color: □#00ff00;
                                                               CSS Demo

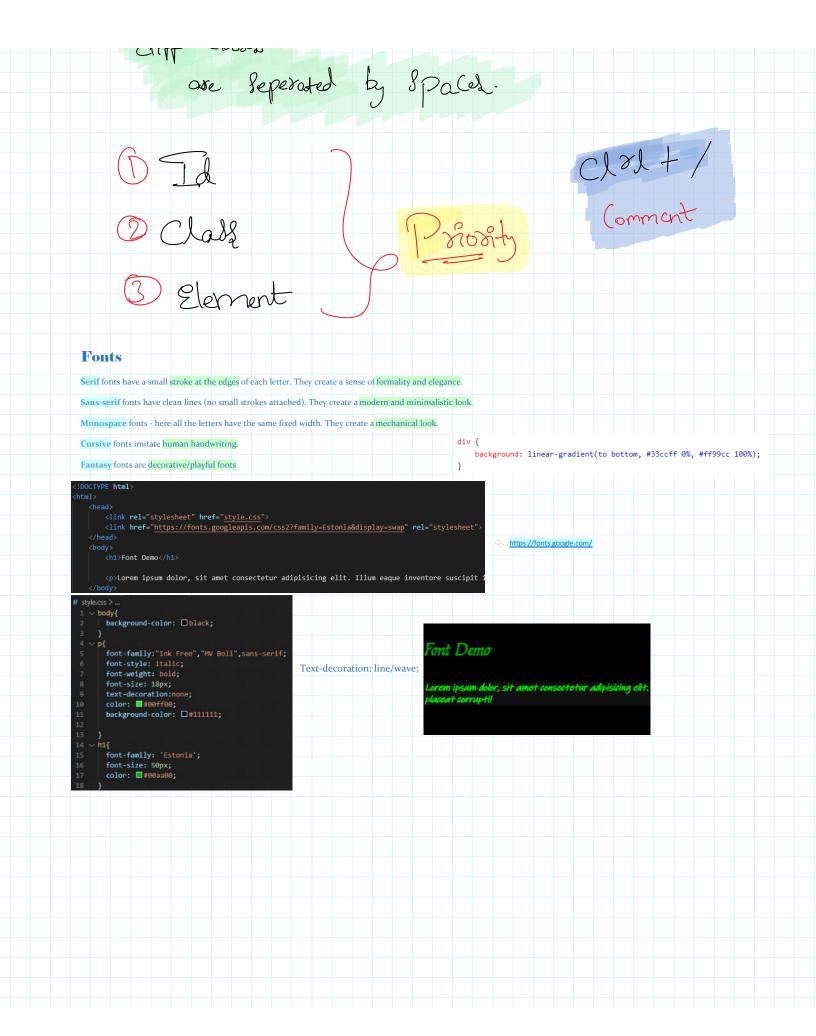
                                                             Lorem ipsum dolor sit amet consectetur adipisicing elit. Magnam minus exe
                                                             facere recusandae blanditiis numquam aliquid, sapiente placeat iure. Dicta i
                                                                 Targets only paragraph with in specific class
           background-color: □#111111;
           color: ■#00ff00;
                                                                  CSS Demo
   <h1 class="top">CSS Demo</h1>Lorem ipsumLorem ipsum dolor sit am
                                                                  Lorem ipsum dolor sit amet consectetur adipisicing
                                                                  facere recusandae blanditiis numquam aliquid, sapie
                                                                 Targets heading and all paragraphs
           background-color: ☐ #111111;
color: ☐ #00ff00;
                                                                     CSS Demo
   <h1 class="top">CSS Demo</h1>
Lorem ipsum
    Lorem ipsum dolor sit
External CSS styling
                Create a separate CSS file where we going to list all the different elements we have to target
                and the CSS properties that we want to apply
                                                            rel - States the relationship between this document and mentioned document
    <h1>CSS Demo</h1>
                                                            href - "file path or links"
    Lorem ipsum dolor sit amet consectetur adipisicing
    Lorem ipsum dolor sit amet consectetur adipisici
                                                               Hypertext reference
                                                                                         SS Demo
         background-color: □#111111;
color: ■#00ff00;

    CSS properties

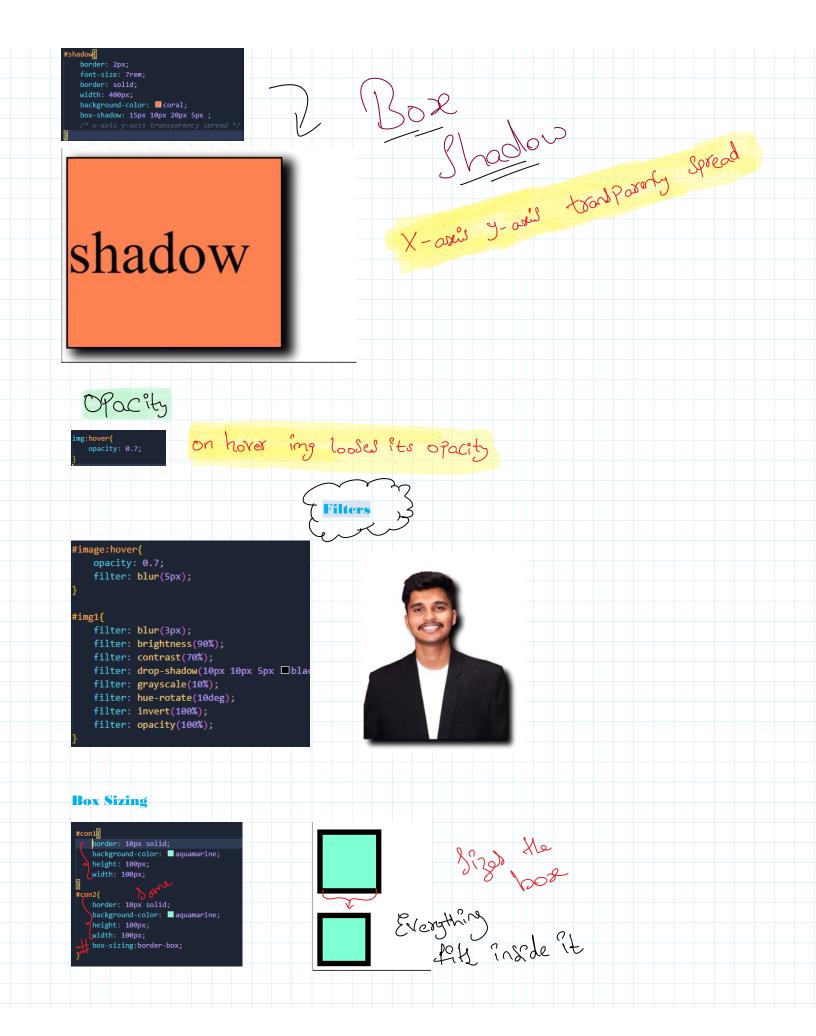
                                                                                            ero totam labore fugit sit ipsa, rat
         background-color: Inavy;
                                                                                           ipsum dolor sit amet consect
         color: □white;
                     Seperal Class
                                                                                  color: 

forestgreen;
    hi
   hello
    hey
                                                                                  color: ■blueviolet;
                                                                                  font-size: Srem:
                                                                              #idk{
                                                                                 color: ■aqua;
                 diff Classes.

are seperated by spaced.
```







Inherit / Initial

```
#custom-color{
| height: 100px;
| width: 100px;
| border: 1px solid;
| background-color:  aqua;

| initial{
| height: 100px;
| width: 100px;
| border: 1px solid;
| background-color: initial;
| /* takes initial color */

| inherit{
| height: 100px;
| width: 100px;
| width: 100px;
| border: 1px solid;
| background-color:  ared;
| background-color:  inherit;
| /* Takes parent color */
| }
```

Object fit

```
How an object/Ing/video

How an object/Ing/video

gonha fit.
```

Backgrounds

```
Gradient - progression of one color to another color/colors
        <h1>Background Demo</h1>
        Lorem ipsum dolor, sit amet consectetur adipisicing elit.
        Lorem, ipsum dolor sit amet consectetur adipisicing elit.Lorem ipsum dolor sit, amet consectetur adipisicing elit.
       background-image: url("background.jpeg");
       background: linear-gradient(grey,black);
background-repeat: no-repeat;
background-position:center;
                                                                                                                 #33ccff
                                                                                                                 #ff99cc
                                                                                                                                 Background Demo
       oackground: linear-gradient(■red, ■orange, ■yellow, ■green, ■blue, □indigo, ■violet);
       color: ■white
                                                                                                                                 Lorem ipsum dolor, sit amet consectetur adipisicing elit.
                                                                                                                                 Lorem, ipsum dolor sit amet consectetur adipisicing elit.
                                                                                                                                 Lorem ipsum dolor sit, amet consectetur adipisicing elit.
       background: linear-gradient(to right, ■ pink, ■ lightblue);
Background Demo
Lorem ipsum dolor, sit amet consectetur adipisicing elit. Illum eaque inventore suscipit illo animi incidunt quas quis
```

Background Demo

Lorem ipsum dolor, sit amet consectetur adipisicing elit. Illum eaque inventore suscipit illo animi incidunt quas quis doloribus vitae veritatis. Accusantium obcaecati omnis repellendus quam excepturi id iusto placeat corrupti

Lorem, ipsum dolor sit amet consectetur adipisicing elit. Maxime blanditiis corporis necessitatibus eligendi accusamus, est ipsa rerum dolores reprehenderit commodi, omnis amet incidunt nemo et doloremque, ad cumque quae sapiente!

Lorem ipsum dolor sit, amet consectetur adipisicing elit. Dolores quaerat ex, quo quidem quisquam, excepturi placeat, eius dolore illo minima asperiores. Quae asperiores quasi sint ipsam pariatur natus cumque corporis.

Margins

The part of a page or sheet outside the main

```
<h1>Margin Demo</h1>
Lorem ipsum dolor sit amet consect
    Quasi sed natus laborum, odit, ab accusa
    consequuntur rerum maiores provident
    illum, iste vero? Quaerat
    veritatis eius recusandae. Molestiae, as
Lorem ipsum dolor sit amet consect
       consequuntur rerum maiores provident
       illum, iste vero? Quaerat
       veritatis eius recusandae. Molestiae,
Lorem ipsum dolor sit amet consect
          Quasi sed natus laborum, odit, ab
           consequuntur rerum maiores provid
           illum, iste vero? Quaerat
          veritatis eius recusandae. Molest
       consequentur rerum maiores provident
       illum, iste vero? Quaerat
       veritatis eius recusandae. Molestiae,
```

```
margin-top: -21px;
 margin-left: -8px;
 border:1px solid:
 width: 300px;
 border:1px solid;
 padding: 25px;
#p1{
 margin: 25px;
 margin-top: 55px;
 margin-right: 70px;
 margin-bottom: 55px;
 margin-left: 70px;
 margin: 55px 70px 55px 70px ;
 margin: 15%;/*margins 15%*/
#p4{
 margin-left: auto;
 margin: auto:
```

Centor elements

margin: Top right bottom left;

(a auto auto)

Horizontal Certer

🚻 Apps 🥌 YT 🥊 Kite 🗾 Moneycontrol 🕙 Palm Beach 🐰 Finance Margin Demo

Lorem ipsum dolor sit amet consectetur adipisicing elit. Quasi sed natus laborum, odit, ab accusantium tenetur consequuntur rerum maiores provident illum, iste vero? Quaerat veritatis eius recusandae. Molestiae, asperiores similique!

> Lorem ipsum dolor sit amet consectetur adipisicing elit. Quasi sed natus laborum, odit, ab accusantium tenetur consequuntur rerum maiores provident illum, iste vero? Quaerat veritatis eius recusandae Molestiae. asperiores similique!

Lorem insum dolor sit ame Lorem tpsum dolor sit amet consectetur adipisicing elit. Quasi sed natus laborum, odit, ab accusantium tenetur consequuntur rerum maiores provident illum, iste vero? Quaerat veritatis eius recusandae. Molestiae, asperiores similique!

> Lorem ipsum dolor sit ame consectetur adipisicing elit. Quasi sed natus laborum, odit, ab accusantium tenetur consequuntur rerum maiores provident illum, iste vero? Quaerat veritatis eius recusandae. Molestiae, asperiores similique!

Shadows

```
Shadow Demo
```

ext-shadow: 0 0 4px ■#00FF9C;

Text shadow - adds shadow to texts

Box shadow - adds shadows to html elements

pseudo classes

A CSS pseudo-class is a keyword added to selectors that specifies a special state of the element to be selected. For example :hover will apply a style when the user hovers over the element specified by the selector.

selector:pseudo-class {
 property: value;
}

www.google.com

click me

- This is item #1
 This is item #2
- This is item #3
 This is item #4
 This is item #5
- This is item #6
 This is item #7
- This is item #8
 This is item #9

All pseudo classes

https://www.w3schools.com/css/css pseudo elements.asp

Sclector: Pseudo class & ... &

Sclector: Pseudo Elements...





Inline alament

Inline-Block

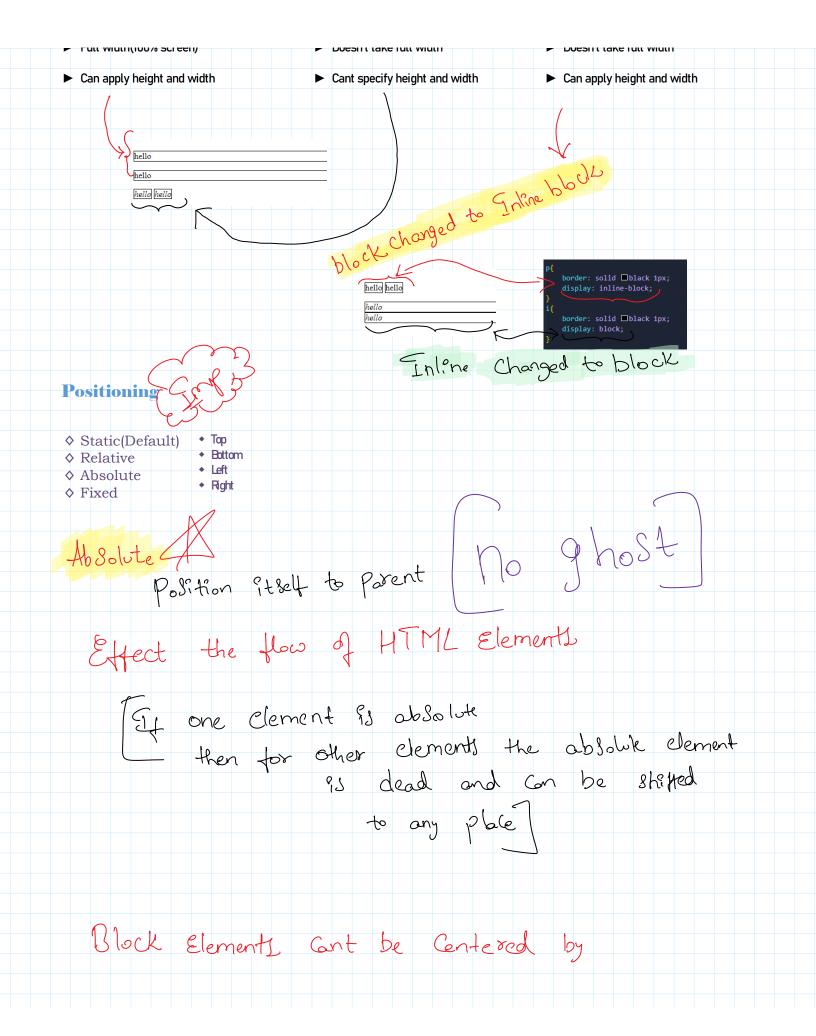
▶ New line

- ▶ Dose not start in new line
- ▶ Dose not start in new line

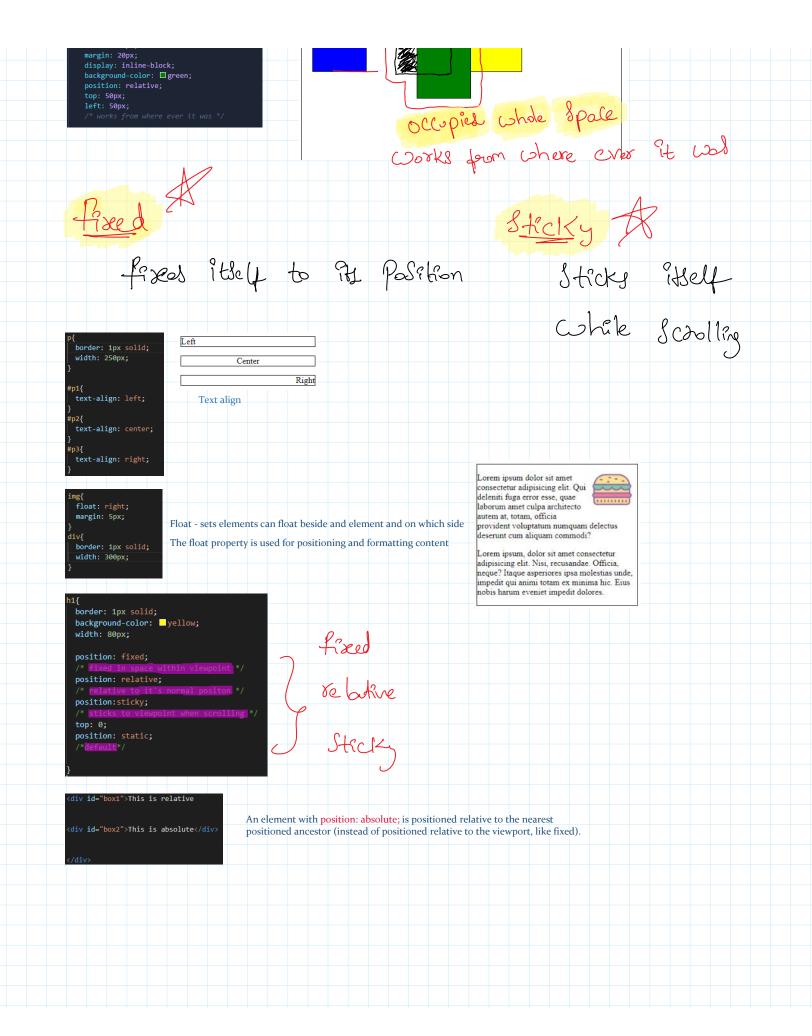
► Full width(100% screen)

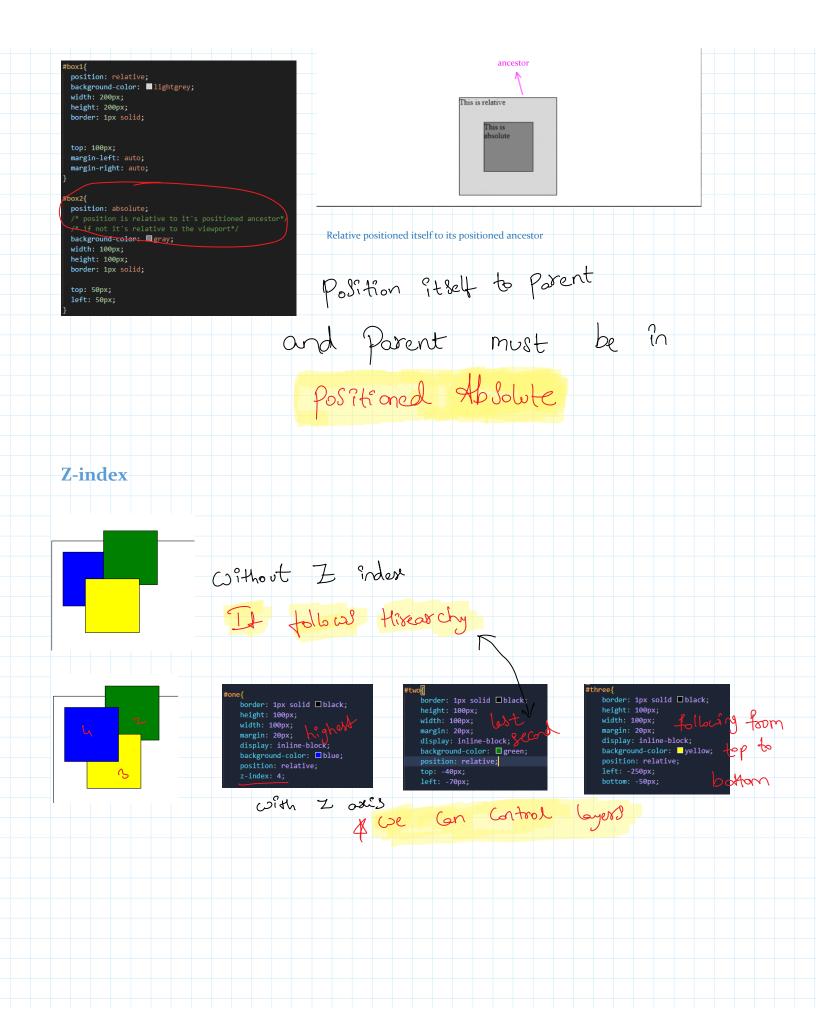
- ▶ Doesn't take full width
- Doesn't take full width

- Can apply height and width
- Cant specify height and width
- ► Can apply height and width



text-align: center; But by using mazgin: Top zight bottom left Em > Em are for dynamic sizing 1cm = 16 px Float float: left; margin-left: 100px; background-color: ■aquamarine; Converts Some like Block level Elements to Inline Clements But we can set Side Relative A is relative whose the should be element should be displayed border: 1px solid □black; width: 100px; margin: 20px; background-color: □green;





```
a{
    text-decoration: none;
}
a:link{
    color: □chartreuse;
}
a:visited{
    color: □red;
}
a:hover{
    color: □blue;
}
a:active{
    columns: □yellow;
```

Transformations

<u>Translat</u>e - Moves on X or Y axis

Rotate - Rotates on X, Y or Z axis

Scale - Increases/Decreases the scale on X and Y axis

Skew - Spins on X and Y axis

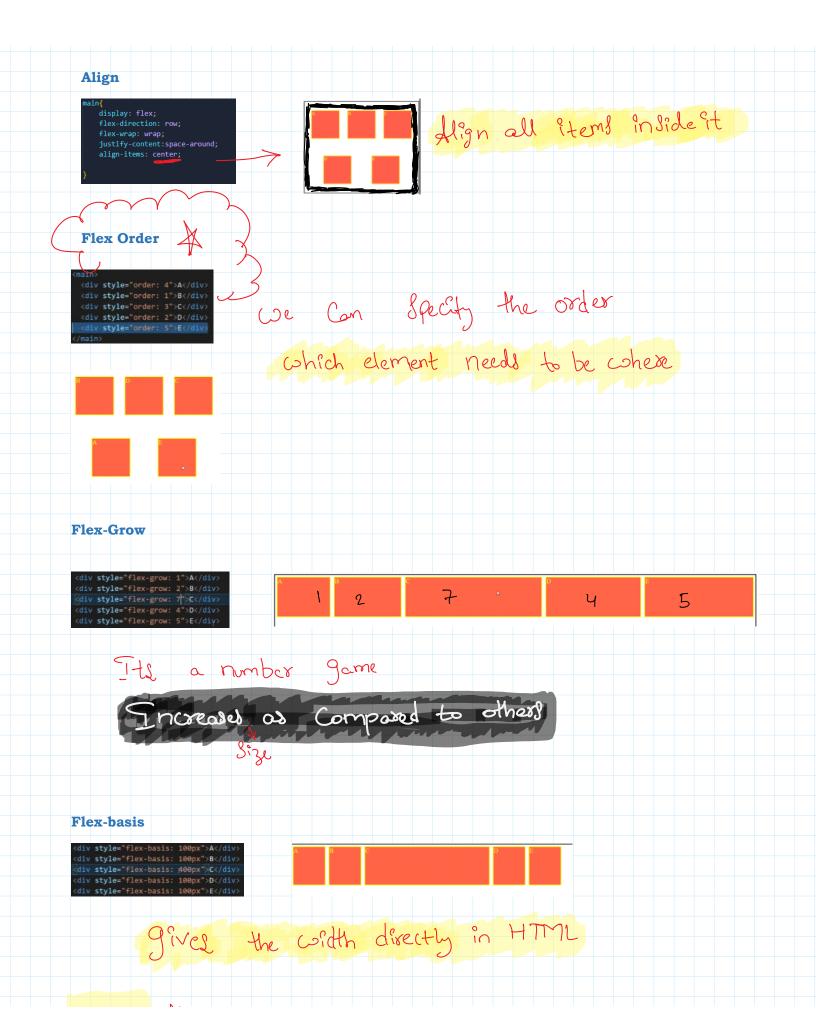
Matrix(scaleX, skewY, skewX, scaleY, translateX, translateY)

Transitions

```
#trans{
    background-color: □ cadetblue;
    border: 1px □ black solid;
    height: 150px;
    width: 300px;
    transition-property: all;
    transition-duration: 2s;
    transition-delay: 0.5s;
}
#trans:hover{
    height: 200px;
    width: 400px;
}
```

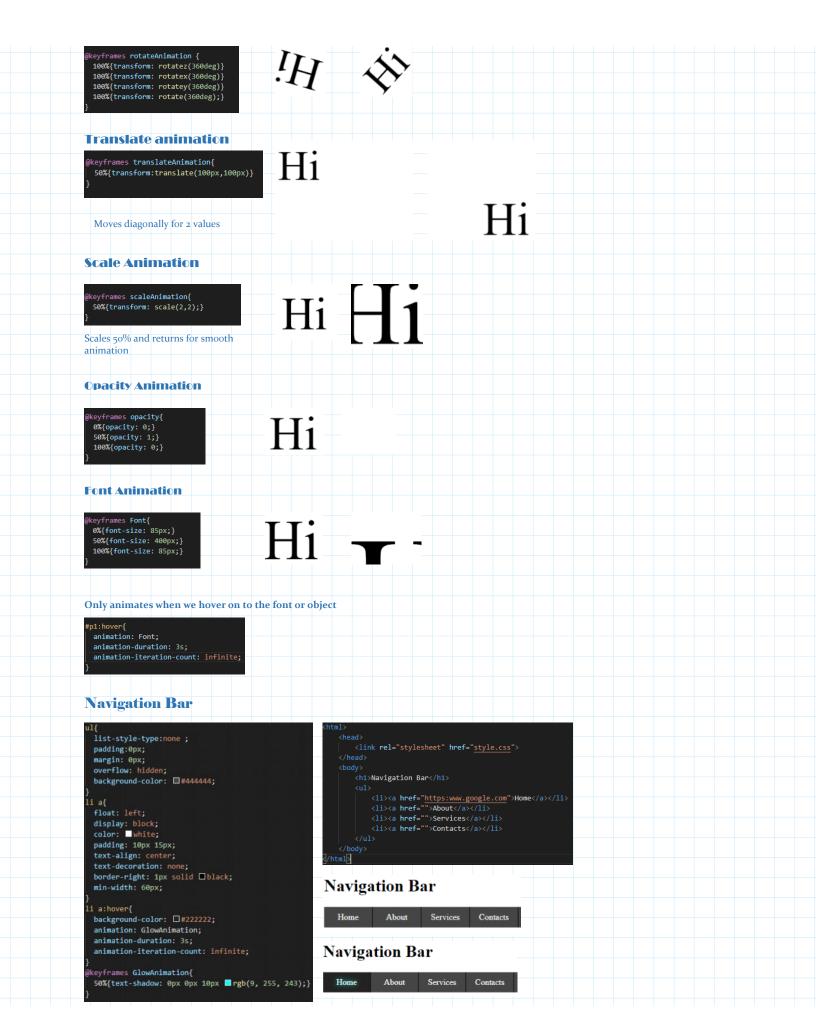
For Smooth transformations

on hover with Before Smooth transition Flex Box flex > Elements (an be flexible <h1>Flexbox Demo</h1> flex direction => torange all items in <div>#4</div> Specified order container{ display: flex; flex-wrap: wrap;/*no wrap - c background-color: 🗆 #444444; no wap > Compresses the stems/ flex-direction: column-reverse;/*all items an width:110;/ Mmitting the space*/ Squ esed container div{ color: ■white; height: 100px; width: 100px; background-color: ■gray; text-align: center; line-height: 100px; font-size: 50px: margin: 5px: wrap> New elements will be pushed down Justify content Sets the stems & Spaces Jets de E Broced display: flex; justify-content:space-around; Align









Icons fa-bolt{ color: □rgb(252, 179, 21); **Icon Demo** fa-bomb{ color: □rgb(36, 26, 26); ****** fa-address-card{ color: □lightslategray; <h1>Icon Demo</h1> <i class="fa fa-home fa-4x"></i> <i class="fa fa-home fa-4x"></i> <i class="fa fa-address-card fa-3x"></i> <i class="fa fa-bomb fa-3x"></i> <i class="fa fa-bolt fa-3x"></i> fa-home{ color: ■lightcoral; https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css Over flow With the hidden value, the overflow is clipped, and the rest of the width: 200px; content is hidden: height: 50px; background-color: lightskyblue; Lorem ipsum dolor sit amet consectetur adipisicing elit.

overflow: auto

The auto value is similar to scroll, but it adds scrollbars only when necessary:

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eos voluptatum cum dignissimos quasi impedit placeat ea tempore in. Quia, architecto voluptatibus! Ipsam,

eum?lorem ipsum, dolor sit amet consectetur adipis icing elit. Quas magni odit molestiae ut repellendus, fugiat similique commodi obcaecati labore accusantium

vero ex eum dolorum distinctio sit atque harum.

Laudantium</sed>

You can use the overflow property when you want to have better control of

overflow-x and overflow-y

The overflow-x and overflow-y properties specifies

Setting the value to scroll, the overflow is clipped and a scrollbar is added to

scroll inside the box.

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