

HTML and CSS

Format

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>

</body>
</html>
```

It is not case sensitive language therefore <h1>=<H1>

Div tag is fullwidth tag /block tag

Span tag is inline tag

Sementic Tag : we can guess what is it like footer ,header.

Non semantic tag : we cannot guess what is it like div,span.

Comment

```
<!-- -->

<!-- <h1>hello</h1>
<H1>ji</H1> -->
```

Tags To format using CSS in anchor tag or image tag we need to give them attribute

```
<!-- img,audio,video,iframe,a tag is aligned to its adjacent like span tag -->
<!-- Image Tag -->


<!-- Audio Tag -->
<audio src="har fun maula.weba" controls loop autoplay muted></audio>

<!-- Video Tag -->
<video src="password_generator.mpd" controls loop autoplay muted></video></video>

<!-- IFrame Tag -->
<iframe src="https://www.wikipedia.org/" ></iframe>

<!-- Anchor Tag -->
<a href="https://www.youtube.com/" target="_blank">Youtube Nextpage </a> <!--target="_blank" is used to open the link in next page-->

<a href="https://www.youtube.com/">Youtube</a>

<a href="mailto:singhabhishek.engineer@gmail.com">Gmail</a>

<a href="tel:87687699">Call</a>

<a href="https://www.youtube.com/">
  
</a>
```

```
<a download="bio" href="Java (@cseabhiseks).pdf">Download Cv</a>
```

TO DOWNLOAD PDF

```

```

To access image inside folder



HTML and CSS

Image map generator: use online to have multiple links on same image

```

<map name="image_map">
  <area alt="car" title="car" href="wetwet" coords="107,45,194,117" shape="rect">
  <area alt="name" title="name" href="erwe" coords="239,55,518,117" shape="rect">
  <area alt="thought" title="thought" href="err" coords="102,168,557,193" shape="rect">
</map>
```

Button Tag

```
<button>click me</button>
```

click me

Other tag

```
<!-- paragraph ,pre,div tag is act like div tag -->

<!-- Paragraph Tag -->
<!-- lorem34 is used for automatic text -->
<p>Paragraph tag :lorem ipsum dolor sit amet consectetur adipisicing elit. Error fugit debitis consequuntur eaque voluptates voluptatem accusamus magni exercitationem officia asperiores beatae repellat natus dolorem repudiandae modi repellendus veritatis quia, quae perferendis, minima temporibus! Voluptatibus. Lorem ipsum dolor sit amet, consectetur adipisicing elit. Rem pariatur quasi amet debitis, porro quaeat. Nesciunt tenetur sapiente tempore quia, doloribus ea numquam iste quod, rerum perferendis eligendi commodi similique sunt! Laborum. </p>

<!-- Pre Tag -->

<pre>pre tag :
Wikipedia <!-- same font and space like copied from other website like wikipedia in below example -->
The Free Encyclopedia
English
6 758 000+ articles
Русский
1 953 000+ crate#</pre>

<!-- div tag -->
<div>
div tag :lorem ipsum dolor sit amet consectetur adipisicing elit. Quibusdam expedita .
</div>

<!-- hr tag -->
<hr> <!-- hr tag is used to print ----- -->
<!-- hr tag -->
<br><!-- br tag is used to break and go to next below line (below example is given) -->

<p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Error fugit debitis consequuntur eaque voluptates voluptatem accusamus magni exercitationem officia asperiores beatae repellat natus dolorem repudiandae modi repellendus veritatis quia, quae perferendis, minima temporibus! Voluptatibus. Lorem ipsum dolor sit amet, consectetur adipisicing elit. <br> Rem pariatur quasi amet debitis, porro quaeat. Nesciunt tenetur sapiente tempore quia, doloribus ea numquam iste quod, rerum perferendis eligendi commodi similique sunt! Laborum. </p>

<!-- b,i,u,big,small,sub,sup,span tag that act like span tag -->

<!-- Bold Tag -->
<b>Bold tag :lorem ipsum dolor sit amet consectetur, adipisicing elit.</b>
<!-- Italic Tag -->
<i>Italic tag :lorem ipsum, dolor sit amet consectetur adipisicing elit.</i>
<!-- Underline Tag -->
<u>Underline tag :lorem ipsum dolor sit, amet consectetur adipisicing elit.</u>

<!-- Big Tag -->
<big>Big tag :lorem ipsum dolor sit amet.</big>
<!-- Small Tag -->
<small>Small Tag:lorem ipsum dolor sit amet.</small>

<!-- Subscript Tag-->
<b>co <sub>2</sub></b>
<!-- Superscript Tag-->
<b>10 <sup>th</sup></b>
<!-- Span Tag -->
<span>Span Tag:
  Lorem ipsum dolor sit amet consectetur adipisicing elit. Reprehenderit deleniti quo iste harum, enim repudiandae labore error, at perferendis deserunt praesentium atque vero quae quod aut blanditiis id ipsa? Voluptas.
</span>
```

HTML and CSS

Paragraph tag :Lorem ipsum dolor sit amet consectetur adipisicing elit. Error fugit debitis consequuntur eaque voluptates voluptatem accusamus magni exercitationem officia asperiores beatae repellat natus dolorem repudiandae modi repellendus veritatis quia, quae perferendis, minima temporibus! Voluptatibus. Lorem ipsum dolor sit amet, consectetur adipisicing elit. Rem pariatur quasi amet debitis, porro quaerat. Nesciunt tenetur sapiente tempore quia, doloribus ea numquam iste quod, rerum perferendis eligendi commodi similique sunt! Laborum.

```
pre tag :
Wikipedia
The Free Encyclopedia
English
6 758 000+ articles
Русский
1 953 000+ статей
```

div tag :Lorem ipsum dolor sit amet consectetur adipisicing elit. Quibusdam expedita.

Lorem ipsum dolor sit amet consectetur adipisicing elit. Error fugit debitis consequuntur eaque voluptates voluptatem accusamus magni exercitationem officia asperiores beatae repellat natus dolorem repudiandae modi repellendus veritatis quia, quae perferendis, minima temporibus! Voluptatibus. Lorem ipsum dolor sit amet, consectetur adipisicing elit. Rem pariatur quasi amet debitis, porro quaerat. Nesciunt tenetur sapiente tempore quia, doloribus ea numquam iste quod, rerum perferendis eligendi commodi similique sunt! Laborum.

Bold tag : Lorem ipsum dolor sit amet consectetur, adipisicing elit. *Italic tag :* Lorem ipsum, dolor sit amet consectetur adipisicing elit. Underline tag : Lorem ipsum dolor sit amet consectetur adipisicing elit. **Big tag :** Lorem ipsum dolor sit amet. Small Tag: Lorem ipsum dolor sit amet. **co 2 10th** **Span Tag:** Lorem ipsum dolor sit amet consectetur adipisicing elit. Reprehenderit deleniti quo iste harum, enim repudiandae labore error, at perferendis deserunt praesentium atque vero quae quod aut blanditiis id ipsa? Voluptas.

Written Tag

```
<!-- Quotation,Blockquote,detail,abbr tag will act like div tag -->

<!-- Quotation Tag (if quote is own) -->
<q>Quotation Tag :sath udenge ya sath dubenge</q>

<!-- Blockquote Tag (if quote is someone else) cite will display on developer mode -->
<blockquote cite="google">Blockquote Tag :Failure is the part of life but few people have the courage to admit them</blockquote>

<!-- abbreviator tag ,full form will be shown on putting curson on short form-->
<abbr title="private funded government">abbreviator tag: PFG</abbr>

<!-- Detail Tag -->
<details><summary>computer</summary>
<p>It is an electronic device</p>
</details>
<!-- summary tag is added to display computer otherwise details will show by default -->
<!-- computer will be shown while clicking on it it will show below it is an electronic device -->
```

“Quotation Tag :sath udenge ya sath dubenge”

Blockquote Tag :Failure is the part of life but few people have the courage to admit them

Before click

After click

▼ computer

► computer

It is an electronic device

Before touch and hold

After touch and hold

PFG

PFG

private funded government

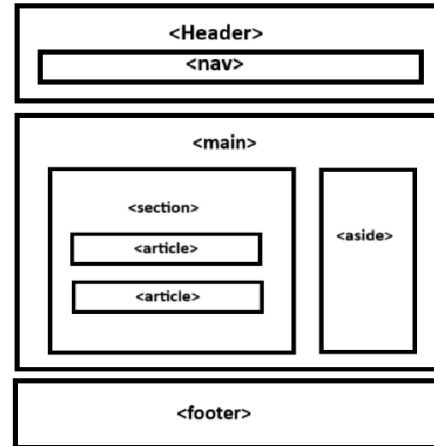
HTML and CSS

Page Layout

```
<!-- Header Tag -->
<header>
  <nav></nav>      <!-- Navigation Tag -->
</header>

<!-- Main Tag -->
<main>
  <section></section> <!-- Section Tag -->
  <article></article> <!-- Article Tag -->
  <aside></aside>    <!-- Aside Tag -->
</main>

<!-- Footer Tag -->
<footer> </footer>
```



aside = used for ads

List tag

```
<!-- list, orderlist, unordered list all are block tag -->

<!-- List Tag -->
<li>List Tag</li>
<li>Home</li>
<li>About</li>

<!-- Unorder List -->
<ul>
  <li>Home</li>
  <li>About</li>
</ul>

<!-- Order List -->
<ol>
  <li>Home</li>
  <li>About</li>
</ol>
```

List Tag

- Home
- About

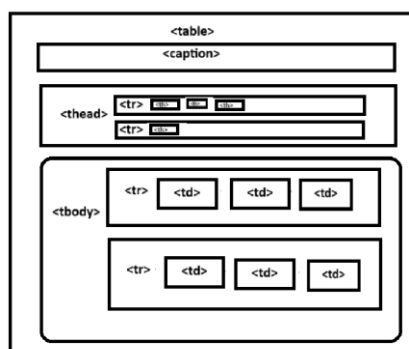
Unorder List Tag

- Home
- About

Order List Tag

1. Home
2. About

Table tag



```
<!-- below all these tag will become block tag -->
<table>
  <caption>Student data</caption> <!-- it will go to center of table -->
  <!-- Table head is wrapped under thead tag -->
  <thead>
    <tr>
      <th>Name</th>
      <th>Roll no</th>
      <th>Status</th>
    </tr>
  </thead>
  <!-- Table body is wrapped under tbody tag -->
  <tbody>
    <tr>
      <td>Rahul</td>
      <td>5</td>
      <td>pass</td>
    </tr>
    <tr>
      <td>Lucifer</td>
      <td>15</td>
      <td>pass</td>
    </tr>
  </tbody>
</table>
```

Student data

Name	Roll no	Status
Rahul	5	pass
Lucifer	15	pass

HTML and CSS

```
<!-- Table ,caption tag is blocktag-->

<!--Table Tag -->
<table>Table tag</table>

<!-- table row,head,data tag is inline tag -->

<!-- Table Row Tag -->
<tr>1</tr>
<tr>2</tr>
<!-- Table Head Tag -->
<th>Name</th>          <!--it is not bold-->
<th>Roll no</th>       <!--it is not bold-->
<!-- Table data Tag -->
<td>Rahul</td>
<tr>5</tr>
```

Table tag

1 2 Name Roll no Rahul 5 table

Form tag (Input tag)

```
<!-- form tag are written under form action tag-->
<form action="action.php">
<!-- all input tag is inline -->

<input type="date" >
<input type="file" >
<input type="month" >
<input type="range" >
<input type="time" >
<input type="color" >

<input type="text" placeholder="Enter Name">
<input type="password" placeholder="Enter Password"> <!--password will get hidden after writting-->
<input type="email" placeholder="Enter Email">
<input type="search" placeholder="Search here">
<input type="tel" placeholder="Mobile no" >
<input type="number" placeholder="number up down"><!--when we place aand hold up down button come-->
<input type="submit" placeholder="Submit" >

</form>
```

```
<input type="search" spellcheck="true">
```

sdcc

dd-mm-yyyy Choose File No file chosen Submit Enter Name Enter Password Enter Email

Search here Mobile no number up down Submit

06-12-2023 Choose File No file chosen July, 2023 06:26 AM Rahul bot ***** gfdtre@gmail.com

How to buy 9749586709 4 Submit

HTML and CSS

Text area, Select, Input(radio, checkbox) tag

```
<!-- textarea,select,input tag are inline -->
<!-- form is blocktag -->

<!-- textarea tag -->
<textarea placeholder="Enter Feedback" cols="30" rows="10"></textarea>
<textarea placeholder="Enter Feedback" cols="30" rows="10">Hi, there you can edit</textarea>

<!-- select tag -->
<select name="city">
  <option value="delhi">Delhi</option>
  <option value="mathura">Mathura</option>
</select>

<!-- input :radio(only one) tag -->
<form action="/action.php">
  Gender :
  <input type="radio" name="gender" >Male
  <input type="radio" name="gender">Female
</form>

<!-- input :checkbox(any) tag -->
<form action="/action.php">
  Fav youtuber:
  <input type="checkbox" name="youtuber" >Abhishek
  <input type="checkbox" name="youtuber" >Rahul
</form>
```

Head Tag

```
<!-- all below tag ,link is writen under head tag -->

<!-- meta tag :used to make website seo friendly ,not visible to user-->
<meta name="description" content="what is seo">
<meta name="keywords" content="seo,best way to search,seo 2024">
<meta name="author" content="abhisheks">
<meta http-equiv="refresh" content="5"> <!-- automatic refresh by 5 -->

<!-- css linking link -->
<link rel="stylesheet" href="style.css">

<!-- favcion link -->
<link rel="shortcut icon" href="https://cdn.pixabay.com/photo/2018/09/14/11/57/lion-3676984_640.jpg" type="image/x-icon">

<!-- title tag -->
<title>Cseabhisheks :Java Developer</title>
```

```
<!-- it will refresh page in 5 sec -->
<meta http-equiv="refresh" content="5">

<!-- it will refersh page to youtube in 2 sec -->
<meta http-equiv="refresh" content="2;https://www.youtube.com/">
```



HTML and CSS

CSS

Three ways to add css

1.External css

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <link rel="stylesheet" href="style.css">
</head>
<body>
  <div class="lorem">
    Lorem ipsum dolor sit amet consectetur adipisicing elit. Quas, sapiente minima. Itaque pariatur veniam earum sit quis laboriosam
    aspernatur quas assumenda aliquam doloribus eligendi sed officia, ad adipisci, eveniet velit quibusdam a.
  </div>

  <div id="lorem2">
    Lorem ipsum dolor sit amet.
  </div>
</body>
</html>
```

```
.lorem{
  color: red;
}
#lorem2{
  color: green;
}
```

2.Inline CSS (very difficult manage website while maintaining)

```
<div class="lorem" style="color: red;">
  Lorem ipsum dolor sit amet consectetur adipisicing elit. Quas, sapiente minima. Itaque pariatur veniam earum sit quis laboriosam
  aspernatur quas assumenda aliquam doloribus eligendi sed officia, ad adipisci, eveniet velit quibusdam a.
</div>

<div id="lorem2" style="color: green;">
  Lorem ipsum dolor sit amet.
</div>
```

3.Style tag

```
<body>
  <style>
    .lorem{
      color: red;
    }
    #lorem2{
      color: green;
    }
  </style>

  <div class="lorem">
    Lorem ipsum dolor sit amet consectetur adipisicing elit. Quas, sapiente minima. Itaque pariatur veniam earum sit quis laboriosam
    aspernatur quas assumenda aliquam doloribus eligendi sed officia, ad adipisci, eveniet velit quibusdam a.
  </div>

  <div id="lorem2">
    Lorem ipsum dolor sit amet.
  </div>
</body>
```

Lorem ipsum dolor sit amet consectetur adipisicing elit. Quas, sapiente minima. Itaque pariatur veniam earum sit quis laboriosam aspernatur quas assumenda aliquam doloribus eligendi sed officia, ad adipisci, eveniet velit quibusdam a.

Lorem ipsum dolor sit amet.

HTML and CSS

Comment in CSS

```
/* <div>
    <span>Lorem, ipsum dolor.
    |   <p>Lorem, ipsum.</p>
    |   </span>
    |   <p>Lorem, ipsum dolor.</p>

</div>
*/
```

How to apply style

(on element tag with class, id, other element ,attribute)

```
/* all element */
.class_name{
/* class name */
}
#id_name{
/* id name */
}
p{
/* element */
}
p,div,span{
/* multiple element */
}
#id_name{
/* element whose id */
}
p.class_name{
/* element whose class */
}
input[type="search"] {
/* input elemnt whose type */
}

div p{
/* those div whose element is p whether direct or inside other tag (like span) */
/* <div>
    <span>Lorem, ipsum dolor.
    |   <p>Lorem, ipsum.</p> (css will apply here)
    |   </span>
    |   <p>Lorem, ipsum dolor.</p> (css will apply here)
</div>
*/
}

div>p{
/* those div whose element is p direct not in other tag */
/* <div>
    <span>Lorem, ipsum dolor.
    |   <p>Lorem, ipsum.</p> (css will not apply here)
    |   </span>
    |   <p>Lorem, ipsum dolor.</p> (css will apply here )
</div>
*/
}

div>p{
/* when div tag end then next p*/
/*
<div>
<p>Lorem, ipsum.</p> (css will not apply here)
<span>Lorem, ipsum dolor.
  <p id="g">Lorem, ipsum.</p> (css will not apply here)
</span>
<p>Lorem, ipsum.</p> (css will not apply here)
</div>
(css will apply because it come next to end of divtag)
<p>Lorem, ipsum.</p> (css will not apply here)
<span>Lorem, ipsum dolor.</span>
<p>Lorem ipsum dolor sit.</p> (css will not apply here)
*/
}
}
```

```
/* in list computer automatic decide even odd start with 1 not with 0
<li>home</li> (1:odd)
<li>about</li> (2:even)
<li>contact</li> (3:odd)
*/
li:nth-child(2n+1){
/* odd list n will start with 0 automatic */
}
li:nth-child(2n+0){
/* even list n will start with 0 automatic */
}
li:nth-child(2){
/* specific list */
}
```


HTML and CSS

Properties

```
/* width */
width: 45px;
min-width: max-content;
min-width: min-content;
min-width: auto;
max-width: fit-content;

/* height */
height: 123px;
min-height: auto;
max-height: fit-content;
min-height: max-content;
min-height: min-content;

/* margin */
margin: 23px;
margin-top: 2px;
margin-bottom: 3px;
margin-left: auto;
margin-right: 4px;

/* padding */
padding: 34px;
padding-left: 9px;
padding-top: auto;
padding-right: auto;
padding-bottom: 4px;

/* color to text */
color: purple; color: rgb(81, 81, 204);
```

```
/* border */
border: 200px solid black;
border: 2px dashed black;
border: 2px dotted black;
border: 2px double black;
border: 200px groove black;

/* border radius */
border-radius: 45px;
border-top: 3px;
border-left: 4px;
border-right: 45px;
border-bottom: 4px;

/* space between character in word (horizontally gap) */
letter-spacing: 10px; /* m y n a m e i s r a h u l */

/* space between row of line in sentence (vertical gap) */
line-height: 170px;

/*
my name is khan and i am handsome

my hooby are istening old music
*/
```

```
/* text transformation */
text-transform: capitalize; /* My Name Is Rahul (each first letter of word is in capitalcase) */

text-transform: uppercase; /* MY NAME IS RAHUL (every character in word is in capitalcase) */

text-transform: lowercase; /* my name is rahul (every character in word is in lowercase) */

text-decoration: overline; text-decoration: underline; text-decoration: line-through /*(text is cutted from middle)*/;
text-decoration: overline underline;

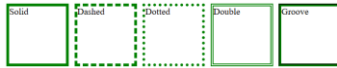
/* text-align assign to container */
text-align: center; text-align: left; text-align: right;

/* x y blur color */
text-shadow: 12px 12px 12px white;

/* font */
font-size: 23px;
font-style: italic; font-style: bold; font-style: oblique;
font-weight: 900; font-weight: bold; font-weight: bolder; font-weight: lighter;
font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
```

text-shadow

HTML and CSS



Underline Overline Underline overline ~~line-through~~

Text-Shadow

Text-Shadow



`background-color: transparent;`

```
background-color: green;
background-image: url(https://img-prod-cms-rt-microsoft-com.akamaized.net/cms/api/am/imageFileData/RE4wyUh?ver=322d);
background-image: linear-gradient(to top, green, red); /*bottom to top*/
background-image: linear-gradient(to bottom, green, red); /*top to bottom */
background-image: linear-gradient(to left, green, red); /*right to left*/
background-image: linear-gradient(to right, green, red); /*left to right*/

background-repeat: space; /*according to space if less space picture go on top row repeat img and bottom row repeat img and leave some space between it*/
background-repeat: no-repeat;
background-repeat: repeat-x;
background-repeat: repeat-y;
background-repeat: space repeat; /*after picture is aadusted to row and column if space left then little of image will also*/

/* width heght*/
background-size: 100px 200px;
background-size: cover; /*resize to full size of container*/
background-size: contain; /*accordint to size it will stick to container and leave rest space*/

background-attachment: fixed; /*image stick to body of page you can scroll children class but image will be fixed*/
background-attachment: local; /*make text inside image scrollable with text inside parent class*/

background-position: top;
background-position: top right;
background-position: top left;
background-position: bottom;
background-position: bottom right;
background-position: bottom left;

/* color image repeat attached position */
background: red url() no-repeat fixed top;
```

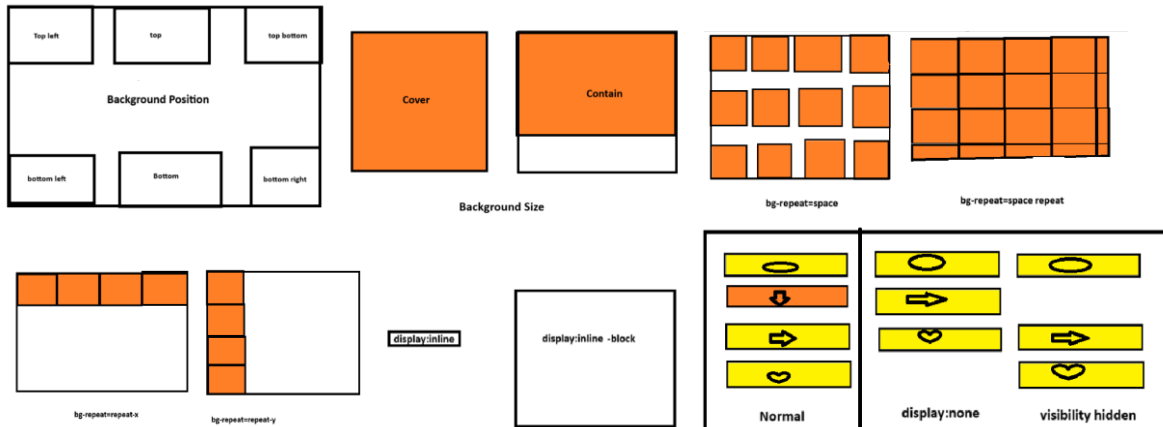
Linear gradient text

```
.aks{
  background: linear-gradient(red, yellow, blue);
  background-clip: text; /*apply background to text*/
  color: transparent; /*so that text will show linear gradient*/
}
```

Cseabhisheks

```
/*display property*/
display: inline;
display: inline-block;
display: none;
visibility: hidden;
```

HTML and CSS



```
/* list property */
list-style:none ;
list-style:circle ;
list-style:square ;

overflow: hidden;/*only text show to the size of container and other will be vanished*/
overflow: scroll;/*scrollable child inside container*/

box-sizing: border-box;/*include padding border*/
box-shadow: 2px 2px 12px rgb(207, 94, 94);/*x y blur color*/

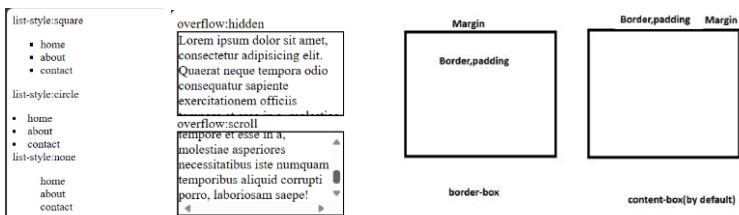
/*float make inline block*/
float: right;
float: left;
/*clear make block*/
clear: both;
clear: left;
clear: right;
```

```
/* x y blur spread color */
box-shadow: -3px 2px 20px 6px black;
```

`box-shadow: inset -7px 4px 20px 0px yellow;`

RESUME

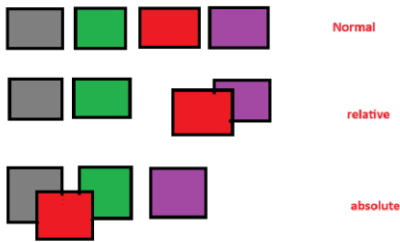
ABOUT ME



```
/*position property*/
position: fixed;/*stick to window while scrolling*/
position: sticky;/*stick to top while scrolling it first go to top and then stick there*/
position: relative;/*respect to its own position and his space will be there*/
position: absolute;/*respect to parent class and his space will be vanished*/
```

`z-index: -1;`

HTML and CSS



After using position property we can use top, left property to move box relatively absolutely ,fixed and sticky

Flex-box

```
/*flexbox property*/
display: flex; /*it is necessary to use flexbox*/

flex-direction: column;
flex-direction: row;
flex-direction: row-reverse;
flex-direction: column-reverse;

flex-wrap: wrap;
flex-wrap: wrap-reverse;

/*horizontally alignment*/
justify-content: center;
justify-content: flex-start;
justify-content: flex-end;
justify-content: space-around;
justify-content: space-between;
justify-content: space-evenly;

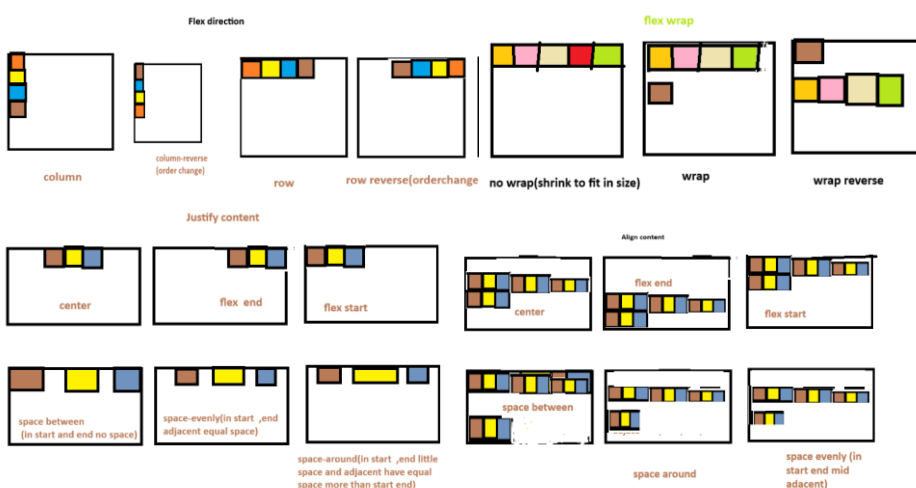
/*Vertical alignment :when two row or wrap content is available*/
align-content: center;
align-content: space-around;
align-content: space-between;
align-content: space-evenly;

/*vertically alignment*/
align-items: center;
align-items: flex-start;
align-items: flex-end;

align-self: flex-end;
align-self: flex-start;
align-self: center;
align-self: stretch;
align-self: baseline;
align-self: auto;

flex-grow: 1;
flex-shrink: 0;
flex-basis: 100px;
order: 5;
```

Justify-content become align-content in flex direction column



Scrollbar, hover and hr

HTML and CSS

```
/* hover property work on putting cursor on it */
.a:hover{
  color: red;
  /* property duration timing-function delay*/
  transition: color 3s ease-in 2s;
}

/* hr line width and height */
hr{
  width: 12px;
  height: 5px;
}

/* size of scrollbar */
::-webkit-scrollbar{
  width: 6px;
  height: 6px;
}

/* color of thumb */
::-webkit-scrollbar-thumb{
  background-color: aqua;
}

/* color of track */
::-webkit-scrollbar-track{
  width: 3px;
  height: 4px;
  background-color: brown;
}
```



scroll-track(on which thumb is moves),thumb(which is moved)

Responsiveness

```
.a{
  width: 400px;
  height: 400px;
  overflow: scroll;
  border: 2px solid black;
}

@media (min-width: 800px) {
  .a{
    background-color: aqua;
  }
}
```

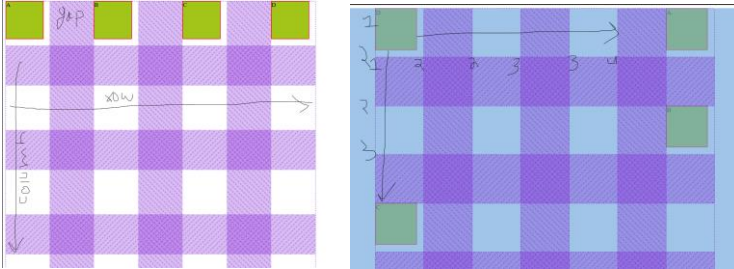
Min-width(condition true) means when min screen goes more than min width then media query will run

Grid

HTML and CSS

```
/*property of container*/
display: grid;
grid-template-columns: 120px 120px 120px 120px; /*distnace from each other relative child in container in column*/
grid-template-rows: 120px 120px 120px 120px; /*distnace from each other relative child in container in row*/
grid-gap: 120px 120px; /*row column*/
justify-content: center;
align-content: center;

/*property of child using row and column for one child */
grid-column: 1/4; /*space taking like margin 1-2-3-4*/
grid-row: 1/3; /*space taking like margin 1-2-3-4*/
```



Transform

```
transform-origin: center; /*axis for translate skew rotate scale*/
transform: translate(3px, 4px); /*move in x and y*/
transform: skew(2deg); /*rotate at its axis mid*/
transform: rotate(4deg); /*rotate at end point*/
transform: scale(3); /*3x the size of container*/
```

Transition

- **transition-delay**
- **transition-duration**
- **transition-property**
- **transition-timing-function**

Delay - after how many seconds we want transition

Duration - how many time it will take to transition

Property- on which we want to apply transition like background colour, colour etc

HTML and CSS

The transition-timing-function property can have the following values:

- **ease** - specifies a transition effect with a slow start, then fast, then end slowly (this is default)
- **linear** - specifies a transition effect with the same speed from start to end
- **ease-in** - specifies a transition effect with a slow start
- **ease-out** - specifies a transition effect with a slow end
- **ease-in-out** - specifies a transition effect with a slow start and end
- **cubic-bezier(n,n,n,n)** - lets you define your own values in a cubic-bezier function

Animation

```
div{
  /*      name      duration    timing-function    delay    iteration-count    direction*/
  animation: aks      6s        linear      1s        infinite      reverse;
}
@keyframes aks {
  from{width: 30px;}
  to{width: 140px;}
}
```

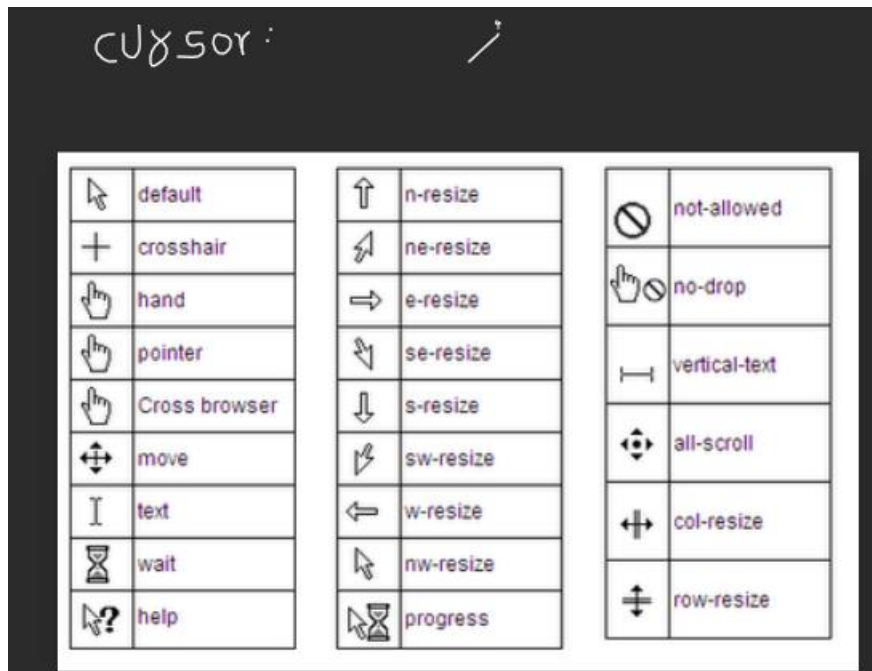
! Important (to overwrite any property, it ensures these property will run)

```
width: 223px !important;
```

Cursor property

```
cursor: se-resize;
```

HTML and CSS



Unit in CSS

Css units

% Relative to the value of parent element. 100% is the width of the parent element	em Relative to the font-size of the parent element.	vh equal to 1% of the height of the browser window size.
px Pretty self explanatory .Absolute length in pixel	rem Relative to font-size of the root element.	vw equal to 1% of the width of the browser window size.