# **Advance CSS Tips and Tricks**

Followed by Thapa technical

# **Variable & calc() Syntax**

* <https://www.youtube.com/watch?v=3P5HeATn7Ac&list=PLwGdqUZWnOp2JYAoNE_-7sSWcIeO1A-xi&index=11>
* You must know before
* -- (2 minus use first)
* - (don’t use space or anything between two letter)

:root{

    --brown-colr:#00f;

    --red-colr:rgb(92, 71, 71);

    --yellow-colr:rgb(92, 71, 71);

    --pink-colr:rgb(92, 71, 71);

    --lite-pink-colr:rgb(92, 71, 71);

    --width-sm:2vw;

    --height: 2vh;

    --width-md:3rem;

}

h1{

    color: var(--brown-colr);

    color: var(--width-sm);

    width: calc( var(--width-md) - 2rem);

}

# **::Selection Selector**

* <https://www.youtube.com/watch?v=BdRyo2buz0I&list=PLwGdqUZWnOp2JYAoNE_-7sSWcIeO1A-xi&index=12>
* Color, background, cursor, outline (only in these **Selection** property will apply)
* Use them Separately because they don’t work all together

::selection{

    color: rebeccapurple;

    background: red;

}

/\* for single item \*/

h1::selection{

    color: rgb(2, 255, 57);

    background: rgb(38, 0, 255);

}

# **Center a Div With 3 Methods**

* <https://www.youtube.com/watch?v=3b8Ix0eicFw&list=PLwGdqUZWnOp2JYAoNE_-7sSWcIeO1A-xi&index=13>
* Make sure that parent element has **position relative in CSS**

/\* make sure parent element must be in possition reletive \*/

.main\_div{

    position: absolute;

    top: 50%;

    left: 50%;

    transform: translate(-50%,-50%);

}

/\* 2nd way \*/

.main\_div{

    display: flex;

    justify-content: center;

    align-items: center;

}

/\* 3rd way \*/

.main\_div{

    display: grid;

    place-items: center;

}

# **Pseudo Elements ::before ::after**

* <https://www.youtube.com/watch?v=ggQXllOjupo&list=PLwGdqUZWnOp2JYAoNE_-7sSWcIeO1A-xi&index=15>
* These are use for styling one class before and after content
* Must sure h1 or parent tag has **position reletive**
* Always use content : “ ” ; in CSS
* It is use to directly style class before and after without adding class in HTML
* To use media query use variables for width of lines

/\* for adding before content and after content \*/

h1::before{

    content: "Adil ";

}

h1::after{

    content:" Gujranwala ";

}

/\* for creating line \*/

h1{

    position: relative;

    text-align: center;

}

/\* for top line \*/

h1::before{

    content: "";

    width: 6rem;

    border-top: 2px solid red;

    position: absolute;

    top: -4px;

    left: 50%;

    transform: translate(-50%);

}

/\* for bottom line \*/

h1::after{

    content: "";

    width: 6rem;

    border-bottom: 2px solid red;

    position: absolute;

    bottom: -4px;

    left: 50%;

    transform: translate(-50%);

}

# **Drop Cap CSS Effects + Outline and Background Glow formula**

* <https://www.youtube.com/watch?v=5am3zgC7K7s&list=PLwGdqUZWnOp2JYAoNE_-7sSWcIeO1A-xi&index=17>
* **Flote left** is the mother of this formation
* To use picture in background use **color transparent** to hide cap after picture will show

/\* cap drop picture effect \*/

p.dropcapimg::first-letter {

    background-image: url(Pngtree—rustic\ flower\ graphic\_5537591.png);

    background-size: contain;

    background-repeat: no-repeat;

    padding: 0px 21px 0px 0px;

    margin: 6px 0px 0px 0px;

    float: left;

    font-size: 6rem;

    line-height: 0.65;

    color: transparent;

    margin-right: -0.15em;

  }

/\* for regular drop cap \*/

.p-2::first-letter{

    color: brown;

    font-size: 5rem;

    float: left;

    line-height: 0.9;

    margin: 0px 12px 0 0px;

    text-shadow:

    -1px -1px 0 #fff,

    1px -1px 0 #fff,

    -1px 1px 0 #fff,

    1px 1px 0 #fff,

    3px 3px 0 #c6cdba;

}

Out line formula is here

text-shadow:

    -1px -1px 0 #fff,

    1px -1px 0 #fff,

    -1px 1px 0 #fff,

    1px 1px 0 #fff,

    3px 3px 0 #c6cdba;

# **nth-child Pseudo Class**

* <https://www.youtube.com/watch?v=o_PxZFTJ5yA&list=PLwGdqUZWnOp2JYAoNE_-7sSWcIeO1A-xi&index=20>
* N=1 if use only “n” (n+1) = 0+1=1
* N=0 if use constant with n like “3n” (5n+3) = 5(0)+3=3
* Nth child always work with loop
* Nth child always use with child (child play with child)

/\* in here n = 1 \*/

li:nth-child(1){

    color: red;

}

li:nth-child(5){

    color: red;

}

li:nth-child(2n){

    color: red;

}

li:nth-child(3n){

    color: red;

}

/\* in here n= 0 \*/

li:nth-child(n+1){

    color: red;

}

li:nth-child(3n+1){

    color: red;

}