14 CSS Pseudo Selectors

Pseduo Selectors

Pseudo classified into two categories
Pseduo class selector(selector :state of an element)
Pseduo selectors allow developers to style an element as per their state inside DOM

trageting first child using pseduo selector
===
```
ol li:first-child{
    border:2px solid blue;
    }

div p:first-child{
    border:2px solid blue;
    }
```

pseduo selector not only parent and child selectors i will work with single tag selectors
===
```
li:first-child{
    border:2px solid blue;
    }
```

pseduo grouping selectors
===
```
ol li:first-child,ol li:last-child {
    border: 2px solid blue;
    }
div,p,b:last-child{
    border: 2px solid blue;
    }
```

all the even elements we use 2n
===
```
ol li:nth-child(2n){
    border:2px solid blue;
    color: skyblue;
    }
```

all the odd elements we use 2n+1
===
```
ul li:nth-child(2n+1){
    border:2px solid blue;
    color: skyblue;
    }
```

if we want to select any certain element
===
```
ol li:nth-child(3){
    font-size:30px
    }
ul li:nth-child(3){
    font-size:30px
    }
```

===
```
li:hover{
    background-color: #ccc;
    }
    / select on the link with the mouse the red color been seen /
a:active{
    color: red;
    }
    / if the user visited the status will be green /
    / basically anchor tag link will be blue /
a:visited{
    color: green;
    }
```

Here we are having number of li tags but (li:only-child) expects one li tag
===
```
li:only-child{
    color: blueviolet;
    }
```

Here we are having number of li tags but (li:only-of-type) expects one li tag and we can write other tag also here
===
```
li:only-of-type{
    color: blueviolet;
    }
```

Pseudo element selector(selector ::part of an element)
Pseduo element selector it selects an element or part of an element with adding either class or id selector

first line text will be red color
===
```
p::first-line{
    color:red;
    }
```

only first letter is selected
===
```
p::first-letter{
    font-size: 30px;
    color:green
    }
```

select the text with mouse
===
```
p::selection{
    background-color:skyblue;
    }
```

add text before
===
```
p::before{
    content:"*"
    }
```

add text after
===
```
p::after{
    content:"*"
    }
```

table
===
```
table{
    width: 100%;
    }
table, th, td{
    border: 1px solid green;
    border-collapse: collapse;
    padding:10px;
    }
table tr:first-child{
    background-color:skyblue;
    color:white;
    }
table tr:hover{
    background-color:lightcoral;
    }
```

14 CSS Pseudo Selectors

1. Pseduo Selectors

1.1. Pseudo classified into two categories Pseduo class selector(selector :state of an element) Pseduo selectors allow developers to style an element as per their state inside DOM trageting first child using pseduo selector === ol li:first-child{ border:2px solid blue; } div p:first-child{ border:2px solid blue; } pseduo selector not only parent and child selectors i will work with single tag selectors == li:first-child{ border:2px solid blue; } pseduo grouping selectors == ol li:first-child,ol li:last-child { border: 2px solid blue; } div,p,b:last-child{ border: 2px solid blue; } all the even elements we use 2n == ol li:nth-child(2n){ border:2px solid blue; color: skyblue; } all the odd elements we use 2n+1 == ul li:nth-child(2n+1){ border:2px solid blue; color: skyblue; } if we want to select any certain element == ol li:nth-child(3){ font-size:30px } ul li:nth-child(3){ font-size:30px } == li:hover{ background-color: #ccc; } /* select on the link with the mouse the red color been seen */ a:active{ color: red; } /* if the user visited the status will be green */ /* basically anchor tag link will be blue */ a:visited{ color: green; } Here we are having number of li tags but (li:only-child) expects one li tag == li:only-child{ color: blueviolet; } Here we are having number of li tags but (li:only-of-type) expects one li tag and we can write other tag also here == li:only-of-type{ color: blueviolet; }

1.2. Pseudo element selector(selector ::part of an element) Pseduo element selector it selects an element or part of an element with adding either class or id selector first line text will be red color ==================================== p::first-line{ color:red; } only first letter is selected ==================================== p::first-letter{ font-size: 30px; color:green } select the text with mouse ==================================== p::selection{ background-color:skyblue; } add text before ==================================== p::before{ content:"*****" } add text after ==================================== p::after{ content:"*****" } table ==================================== table{ width: 100%; } table, th, td{ border: 1px solid green; border-collapse: collapse; padding:10px; } table tr:first-child{ background-color:skyblue; color:white; } table tr:hover{ background-color:lightcoral; }