Css Notes:

Css Intro

CSS

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Presentation Layer

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\*Css ——> Cascading Style Sheet

\*It is used to Style ,format the webpages Created in HTML

\*We use Css to style an HTML document

\*It describes how HTML elements should be displayed .

<h1 style="color: red;">Greens Technology </h1>

Structure of CSS :

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h1{

color: orangered;

text-align: center;

font-size: 30px;

}

\*h1 ——> For which Tag we are going to style /format that is called Selector

\*{ } ——> Have to use the curly braces inside that only we have to pass style /format

\*color

\*text-align ——> If we are editing /adding anything that’s called property ,we can use unlimited properties

\*font-size

\*orangered ——> Its called value for the corresponding property

\*center ——> This is all called as value for the corresponding property

\*30px ——> if we are using pixels / points that are all named as units for the corresponding property

CSS can be added to HTML documents in Three Ways :

——————————————————————————

\*Inline CSS

\*Internal CSS

\*External CSS

\*Inline CSS : ( Inside the Tag worked as attribute — style )

—————

Using the Style attribute inside the HTML Tag

<p style="color: red; text-align: justify;"> lorem100</p>

\*\*Internal CSS : ( Inside the Head Tag )

——————

\*Css rules by using a <style> element in the <head> section

\*An internal CSS is used to define a style for a single HTML page. An internal CSS is defined in the head section of an HTML page, within a style element.

\*If u want to differentiate the each same name of tag have to use (id selector , class selector) concept

<head>

<style>

h1{

color: blue;

text-align: center;

}

p{

color: red;

text-align: center;

font-size: 30px;

}

</style>

</head>

<body>

<h1>Hello Folks</h1>

<hr>

<p>lorem100 </p>

</body>

\*\*\*External CSS : (External \*.CSS File)

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\*Css rules by using external CSS file

\*An external stylesheet is a standalone . css file that is linked from a web page.

The advantage of external stylesheets is that it can be created once and the rules applied to multiple web pages.

One page

————

<head>

<link rel="stylesheet" href="Py/style.css" type="text/css">

</head>

<body>

<h1>Hello Folks</h1>

<hr>

<p>lorem100</p>

Another page ( Connected by href of link tag)

——————

h1{

color: red;

}

p{

 color: green;

}

Css Selector & Combinators

CSS FILE:

—————

body {

background-color: powderblue;

}

h1 {

color: blue;

}

p {

color: red;

}

CSS Selectors:

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Type Selector --->We can give all tag in it

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h1,h2{

color:blue;

}

Universal Selector

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\*{ \*-->Used to select the entire document content

color:blue

}

Id Selector

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#idname{ #---->Used to select a particular ID

color:blue;

}

Class Selector

----------------

.classname{ (.) ---->used to select a class

color:blue;

}

Child Selector

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div>p{ --->This selects all the p tag inside the div tag so 'P' tag here is child of 'div' tag

color:blue;

}

Descendant Selector

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div a{--->Here a is descendant tag of div tag so to select the descendant tag we'll be using this format

color:blue;

}

Sibling Selector

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h1~h4{ two tags which has same parent tag

color:red;

}

Adjacent Sibling Selector

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h1+h4{ It is used to select an element that is directly after another specific element,Sibling elements must have the same parent here

color:green;

}

Pseudo Elements & Classes

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For Anchor Element:

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a:visited{}->TO denote a visited link

a:link{}-->TO denote a unvisited link

a:hover{}-->On mouse hover

a:active{}-->on mouse click

a:focus()-->keyboard events or the mouse click

Based on events we can change the BG color

eg:-

a:link {

background-color: yellow;

}

a:visited {

background-color: cyan;

}

a:hover {

background-color: lightgreen;

}

a:focus{

background-color: red ;

}

a:active {

background-color: hotpink;

}

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}

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background-color: red ;

}

a:active {

background-color: hotpink;

}

A::first-letter{ -----------🡪 For denoting a first letter only caps

Color:red;

}

<!DOCTYPE html>

<html lang="en">

<head>

<link rel="stylesheet" href="./sele.css">

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Css Selectors</title>

</head>

<style>

/\* which all we have p tag

color it --> desc sele \*/

/\* general sib \*/

div~p{

color: orangered;

}

</style>

<body>

<div>

<p>Lorem ipsum dolor sit, amet consectetur adipisicing elit. Hic obcaecati culpa architecto voluptatum officia. Iure et quas tempore nam, deleniti, facere, eaque fugit quasi rerum blanditiis earum recusandae quibusdam fuga!</p>

<p>Lorem ipsum dolor sit, amet consectetur adipisicing elit. Hic obcaecati culpa architecto voluptatum officia. Iure et quas tempore nam, deleniti, facere, eaque fugit quasi rerum blanditiis earum recusandae quibusdam fuga!</p>

<section> <p>Lorem ipsum dolor sit, amet consectetur adipisicing elit. Hic obcaecati culpa architecto voluptatum officia. Iure et quas tempore nam, deleniti, facere, eaque fugit quasi rerum blanditiis earum recusandae quibusdam fuga!</p></section>

</div>

<p>Lorem ipsum dolor, sit amet consectetur adipisicing elit. Velit nulla fugit excepturi aperiam perferendis dolorum. Odit, culpa nihil. Reiciendis dolores aliquam dolore a in ducimus similique eum, doloremque recusandae quos.</p>

<p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Numquam molestias dolorum repudiandae odio quas velit saepe totam accusantium. Natus eius fuga autem, nam officia quibusdam fugit! Dignissimos odio suscipit quam?</p>

<!-- Css selectors -->

<!-- -->

<h1>Elemet Sele</h1>

<h1>Omr</h1>

<h2>Adyar</h2>

<p class="one">Lorem ipsum dolor, sit amet consectetur adipisicing elit. Quos maiores debitis deserunt ipsum cupiditate molestias sint non rerum amet voluptatum eveniet illum veniam hic ratione nobis in, aliquid accusantium ea!</p>

<p class="two">Lorem ipsum dolor sit amet consectetur adipisicing elit. Quas expedita explicabo veniam est minima ullam tempora aliquam ab? Dolore voluptatibus quam veniam consequuntur quos molestias architecto minima temporibus sed placeat.</p>

<p id="top">Lorem ipsum dolor sit amet consectetur adipisicing elit. Earum itaque eius recusandae numquam harum temporibus, ab atque maxime assumenda quae pariatur, dignissimos eos soluta odio. Dignissimos in nemo repellendus incidunt.</p>

</body>

</html>

Css

===

/\* element sele \*/

body{

color: red;

}

h1{

color: blue;

}

/\* class --> (.)dot --> group \*/

.one{

color: yellow;

}

/\* id --> (#)-- unique one\*/

#top{

color: burlywood;

}

/\* universel sele --> common \*/

\*{

color: black;

}

h1,h2{

color: blueviolet;

}