**Css**

**Cascading style sheet**

1. **What is css**

**Ans: CSS is a markup language use to create style and customize HTML elements is avilavle in web page**

1. **Why to use CSS?**

**Ans: by using CSS we can create more affecting, Attractive and customized web pages in less time and code.**

1. **How to use CSS?**

**Ans: you will require a web page with html structure, a text editor and a browser instaleed in your system.**

**Then you’ll have to create css code block and establish a link between elements and css code.**

1. **Benefits of css?**

**Ans : time saving, less page size, creative look, effective performance**

**Exp margin, easy to learn implements**

**1stStart with**

**1st representer 🡺selectors {**

**Property: value;**

**called Code binder 🡺}**

**Selector Rules:- start with alphabet, space not allowed, number not allow**

**Case sensitive ,**

**By using selector we can link with html document**

**2nd in line implements**

**1st Style =”color:red ;font-size:18px;” for example can use it paragraph**

**2nd in head we need <style> </style> tag in head tag for internal css in html**

**3rd drawback we can in current html doc**

**We have learn 3 part**

**/\*css document\*/**

**<html>**

**<head>**

**<style>**

**p{color:green;**

**font-size:18px;**

**font-family:comic sans ms;}**

**h1{**

**Color:red;**

**font-size:18px**

**font-family:Elephant;}**

**h2**

**{color:#0033ff;**

**font-family:comic sans ms;**

**font-size:28px;}**

**h3**

**{ color:#fc0098;**

**font-family:comic sans ms;**

**font-size:30px;}**

**</style>**

**<title> my css </title>**

**</head>**

**<Body bgcolor="wheat">**

**ਮਾੜਾ ਉਹ ਬੰਦਾ ਬਣਦਾ...ਜਿਹੜਾ ਚੰਗਾ ਬਣਕੇ ਟੁਟਿਆ ਹੋਵੇ.**

**<blockquote>**

**<H1> Heading 1 This is a first paragraph </h1>**

**<p> On the Insert tab, the galleries include items that are designed to coordinate with the overall look of your document. You can use these galleries to insert tables, headers, footers, lists, cover pages, and other document building blocks. When you create pictures, charts, or diagrams, they also coordinate with your current document look.</p>**

**<h2> Heading 2 This is a second paragraph</h2>**

**<p>You can easily change the formatting of selected text in the document text by choosing a look for the selected text from the Quick Styles gallery on the Home tab. You can also format text directly by using the other controls on the Home tab. Most controls offer a choice of using the look from the current theme or using a format that you specify directly.</p><h3> Heading 3 This is Third paragraph </h3>**

**<p style="color:Orange; font-size:25px; font-family:comic sans ms;">**

**To change the overall look of your document, choose new Theme elements on the Page Layout tab. To change the looks available in the Quick Style gallery, use the Change Current Quick Style Set command. Both the Themes gallery and the Quick Styles gallery provide reset commands so that you can always restore the look of your document to the original contained in your current template.</p></blockquote>**

**</body>**

**</html>**

**External /\*css document\*/**

**p{color:green;**

**font-size:18px;**

**font-family:comic sans ms;}**

**h1{**

**Color:red;**

**font-size:18px**

**font-family:Elephant;**

**text-decoration:underline;}**

**h2**

**{color:#0033ff;**

**font-family:comic sans ms;**

**font-size:28px;**

**text-decoration:underline;}**

**h3**

**{ color:#fc0098;**

**font-family:comic sans ms;**

**font-size:30px;**

**text-decoration:underline;}**

**3rd number topic**

**<html>**

**<head>**

**<link rel="stylesheet" type="text/css" href="stco.css">**

**<title> my css </title>**

**</head>**

**<Body bgcolor="wheat">**

**<blockquote>**

**<H1> Heading 1 This is a first paragraph </h1>**

**<p> On the Insert tab, the galleries include items that are designed to coordinate with the overall look of your document. You can use these galleries to insert tables, headers, footers, lists, cover pages, and other document building blocks. When you create pictures, charts, or diagrams, they also coordinate with your current document look.</p><h2> Heading 2 This is a second paragraph</h2>**

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**</body>**

**</html>**

**4th in this topic we will learn selector**

**For selector we use \* star selector (Star for all )**

**\*{ 🡸 this is star selector**

**Color:red;**

**Font-weight:bold;}**

**Generally we use it for margin**

**#test 🡸 this is id selector we can use it for unique text one time useable we start this with #sign (for one time)we can use it for margin set**

**With id attribute**

**#test{Color:red:}**

**<p Id=test>**

**3rd Class selector we can use it many time in whole page**

**.demo{🡸 we with it . sign then type name**

**Color:green;**

**Font-size:1.5 em}**

**4th element selector**

**We can use it everywhere without class and id**

**Exp p{**

**Color:red;}**

**5th descendant selector**

**For example you want to use between in property**

**X ke andar y ko change karna**

**Property:value**

**<style>**

**UL li, div p{**

**Color:red;}**

**</style>**

**Agar kesi ul list me ol hai uski list ka color red**

**ul li ol {**

**color:red;}**

**6th parents selector topic of selector h2 ke baad wala change hoga**

**<style>**

**h1+p{**

**color:blue;**

**font-size:25px;**

**font-family:comic sans ms;}**

**p+p { 🡺para ke andar para green**

**color:green;**

**font-size:25px;**

**font-family:comic sans ms;}**

**</style>**

**</head>**

**<Body bgcolor="wheat">**

**<div>**

**<blockquote>**

**<h1> Heading 1 This is a first paragraph </h1>**

**<p> On the Insert tab, the galleries include items that are designed to coordinate with the overall look of your document.**

**When you create pictures, charts, or diagrams, they also coordinate with your current document look.</p>**

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**the look of your document to the original contained in your current template.</p>**

**<ol>first order list**

**<li> Item 1st**

**<ul type="circle">**

**<LI>Item 1</li>**

**<LI>Item 2</li>**

**<LI>Item 3</li>**

**<LI>Item 4</li>**

**</ul>**

**<li>Item 2</li>**

**<li>Item 3</li>**

**<li>Item 4</li>**

**<li>Item 5</li>**

**<li>Item 6</li>**

**<li>Item 7</li>**

**<li>Item 8</li>**

**</ol>**

**<uL>**

**<li>Item 1</li>**

**<li>Item 2</li>**

**<li>Item 3</li>**

**<li>Item 4</li>**

**<ul>**

**</blockquote>**

**</div>**

**</body>**

**</html>**

**7th child selector topic of selector Div ke andar wala change hoga**

**div>h1{**

**color:orange ;**

**</style>**

**</style>**

**</head>**

**<Body bgcolor="wheat">**

**<blockquote><div>**

**<h1> Heading 1 This is a first paragraph </h1><p>**

**On the Insert tab, the galleries include items that are designed to coordinate with the overall look of your document.**

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**the look of your document to the original contained in your current template.**

**</p></div>**

**</blockquote>**

**</body>**

**</html>**

**8th topic of CSS**

**1st property selector**

**<html>**

**<head>**

**<style>**

**img[data-type="image"]{**

**border:10px solid #f00;}**

**a[href\*="aman"]{**

**color:green;**

**font-size:30px;**

**font-family:arial;}**

**</style>**

**<title> my page</title>**

**</head>**

**<body>**

**<img src="aman.jpg" width="280" height="320" data-type="image"> &nbsp;**

**<img src="vish.jpg" width="280" height="320"><br />**

**<a href="www.amansin.weebly.com" name="click"> Click here</a><br />**

**<a href="amansin31@gmail.com" name="click"> press here </a><br />**

**<a href="baldev@gmail.com" > Click and visit </a><br />**

**</body>**

**</html>**

**2nd sample with example for image selector**

**<html>**

**<head>**

**<style>**

**img[name\*="preet"]{**

**border:15px dashed #f00}**

**</style>**

**<title> my page</title>**

**</head>**

**<body>**

**<img src="aman.jpg" width="280" height="320" name="preet"> &nbsp;**

**<img src="vish.jpg" width="280" height="320" name="preet">**

**<a href="www.amansin.weebly.com" name="click"> Click here</a><br />**

**<a href="amansin31@gmail.com" name="click"> press here </a><br />**

**<a href="baldev@gmail.com" > Click and visit </a><br />**

**</body>**

**</html>**

**Property selector end**

**Next is pseudo element**

**<html>**

**<head>**

**<title>My test</title>**

**<style>**

**a:link{Color:green;**

**Text-decoration:none;**

**font-size:40px}**

**a:active{**

**Color:yellow;}**

**a:hover{**

**Color:blue;}**

**a:visited{**

**Color:dark;}**

**</style>**

**</head>**

**<body>**

**<a href="https://sites.google.com/site/sukhmanisahibreadonline/home" target="\_blank" > 1.Sukhmani sahib </a><br />**

**<a href="http://www.sikhmarg.com/japji/japji01.html" target="\_blank"> 2.Japji sahib </a><br />**

**<a href="https://sites.google.com/site/japjisahibviakhia/" target="\_blank"> 3.Japji sahib (Multiple languages) </a><br />**

**<a href="https://www.sikhdharma.org/the-slok-of-japji-sahib-in-20-languages/" target="\_blank"> 4.Japji sahib (20 Languages ) </a><br />**

**<a href="https://www.searchgurbani.com/baanis/chaupai-sahib" target="\_blank" > 5.Chaupai sahib (etc) </a><br />**

**<a href="https://nitnempath.com/anand-sahib-punjabi/" target="\_blank" > 6.Anand sahib</a>**

**</body>**

**</html>**

**Next NOT Pseudo element topic**

**Not selector**

**By using this we can prevent the changes by using (class =”class name”)**

**<html> Not apply rule on web page**

**<head>**

**<style>**

**p:not(.ts) {color:red;**

**for example ts is class=”ts” for all we can use \*:not(hr){**

**font-size:20px;}**

**}**

**</style>**

**<title>My test</title>**

**</head>**

**<body>**

**<blockquote>**

**<p>whaeguru ji ka khalsa waheguru ji ki fateh whaeguru ji ka khalsa waheguru ji ki fateh whaeguru ji ka khalsa waheguru ji ki fateh </p><p>**

**whaeguru ji ka khalsa waheguru ji ki fateh whaeguru ji ka khalsa waheguru ji ki fateh whaeguru ji ka khalsa waheguru ji ki fateh </p>**

**<a href="#"> My new link </a> <br />**

**<a href="#"> waheguru ji ki fateh </a><br />**

**<a href="#"> khalsa ji ko parnaam </a><br />**

**</blockquote**

**</body>**

**</html>**

**2nd number of this topic**

**<style> by using this we can change first item of list**

**li:first-child{ 1ST AND LI:last-child{ } we can use**

**color:red;**

**font-size:39px;**

**text-decoration:underline;}**

**\*{**

**font-size:30px;}**

**</style>**

**For border removing**

**<style>**

**li:first-child{**

**color:red;**

**font-size:39px;**

**text-decoration:underline;**

**border-top:0;}**

**li:last-child{**

**border-bottom:0;}**

**\*{ font-size:30px;}**

**li{**

**border:1px solid #00f;**

**width:150px;}**

**</style>**

**Only child**

**<style>**

**li:only-child{**

**font-size:1.5em;}**

**</style>**

**All in one**

**<style>**

**\*{font-size:30px;} All size increase**

**li{border:4px dashed #0fa; border makeing**

**color:green;**

**width:250px;}**

**li:last-child{ last child emplement**

**border-right:0; for border erasing**

**border-left:0;**

**border-top:0;**

**border-bottom:0;**

**color:red;**

**font-size:40px;}**

**</style>**

**For only child 🡺li:only-child{ }**

**Pesudo element**

**By using this element we can decorate first line and letter**

**For line …....::first-line{ }, for letter 🡺 ::first-letter**

**<style>**

**p.demo::first-letter{**

**color:red;**

**font-size:2em;}**

**</style>**

**For child for formatting**

**By using Id element we can format line and number of line n exp (p id=test)**

**<html>**

**<head>**

**<style>**

**div#test p:nth-child(3){color:orange;**

**font-size:2em;}**

**</style>**

**<title>waheguru ji</title>**

**</head>**

**<body><div ><div id="test">**

**<h1> another heading</h1>**

**<p >waheguru waheguru waheguru. dhan waheguru mera**

**prabh parupkari satur nanak pargtia miti dhundh jag chanan hoa tare chape andher ploa</p>**

**<p> tu data sab mangte iko dewanhaar iko dewanhaar</p>**

**<p> mera prabh parupkari parupakri parupkari </p></div>**

**<p> Satgur bandi chord hai bandhi chord hai bandhi chord hai. </p></div>**

**</body>**

**</html>**

**Another one child by using this u can format by number of child this type**

**<style>**

**div#main ul:nth-child(4){**

**(for in div 4th number child will be effected )**

**<div>1st </div> <p>2nd</p> <ul>3rd </ul><ul>4th </ul>**

**color:blue;**

**font-size:2em;}**

**</style>**

**Last child we can use By using last**

**<style>**

**div#main ul:nth-last-hild(4){ (down to up will be effected )}**

**Last one is**

**<style> formatting in paragraph for each <p></p>**

**div p:nth-of-type(1){**

**color:green;**

**font-size:2em;}**

**</style>**

**Then we can use in this element last word exp🡺**

**div p:nth-last-of-type(1){ color:green;}**

**As well as we can apply on🡺 ul**

**3-4 element we have learn in this session**

**Next is font formatting**

**P{ font-family:arial;**

**Font-size:2em (1em =16px);**

**font-style:normal /italic /oblic**

**Font-weight:normal/bold}**

**By using this we can change formatting of font**

**2nd of font element is color**

**How to change color**

**P{Color:green;}**

**3rd is line height**

**Line-height:2em;**

**4th word spacing**

**🡺 word -spacing:2em;**

**5th text decoration**

**By using claas**

**.demo{**

**text-decoration: underline /none overerline /}**

**text-decoration:line-through; exp ~~50~~=45**

**6th text indent**

**Text-indent:250px;**

**Text-align:left /right /center /justify ;**

**.a1{vertica-align:super;}**

**.a2{vertical-align:sub;}**

**We can given in px align:10px;**

**By using css**

**By using margin u can make attractive**

**p.test(test for class name){**

**margin:100px;}**

**in margin we add multiple margin value**

**margin:top right bottom left ;}**

**margin:100px 150px 100px 120px;}**

**we can add 4 values**

**margin-left:200px;**

**for left right automatic**

**margin:0 auto;**

**margin:15% auto;**

**for margin p.test {color:red;margin:150px; (type value)}**

**14 vid padding**

**By using padding u can given the space of you text left, right, top & bottom you can use it style tag**

**<style>**

**{Padding:15px; ( we can use it top right bottom left sides)}**

**</style>**

**15 css**

**ol{**

**list-style-type:lower-alpha;} (alpha=lower ,roman)**

**Ul{ List-style-type-disc;} (circle, square)}**

**Ul{ List-style-image:url(address);}for image insert**

**Ul{ List-style-type:none;}**

**16 background color by css**

**body{**

**background-color:#f1f1f1;**

**background-image:url(query.png), (at here we can add other image)**

**ulr image name ;**

**background-repeat: repeat-y, no-repeat;**

**background-position:center left;}**

**we can apply on this 50px 40px**

**after position :**

**example: body{**

**background-color:skyblue;**

**font-size:3em;**

**background-image:url(ame.png),url(ame.png),url(ame.png);**

**background-repeat:repeat-y,repeat-y,repeat-x;**

**background-position:right,left,center;}**

**2nd part of background we can fix or scroll**

**body{**

**background-image:url(ame.png),url(ame.png),url(aman.jpg),url(aman.jpg);**

**background-repeat:repeat-x,repeat-y,no-repeat,repeat-y;**

**background-attachment:fixed;**

**background-position:top,left,center,right;**

**margin:0 auto;}**

**height and width setting**

**<style>**

**p{**

**width:auto;**

**height:auto;**

**color:blue;**

**max-width:300px;**

**max-height:400px%;**

**min-height:50%;**

**min-width:50%;**

**}**

**</style>**

**You can paste and write here paragraph for demo (practical)**

**Z index**

**<html>**

**<head>**

**<title>My test</title>**

**<style>**

**.com{**

**border:3px solid black;**

**border-radius:50%;**

**height:150px;**

**color:white;**

**width:150px;**

**margin:10px;**

**position:absolute;}**

**.one{background-color:blue;z-index:0; left:30px; top:40px;}**

**.two{background-color:#11B887;z-index:1;right:60px; top:80px;}**

**.three{background-color:#1397A1;z-index:2;left:80px; top:120px;}**

**.four{background-color:PINK;z-index:3;right:100px; top:160px;}**

**.five{background-color:#12691E;z-index:4;left:120px; top:200px;}**

**.six{background-color: #22FFFF;z-index:5;right:140px; top:240px;}**

**.seven{background-color:#FF7F50;z-index:6;left:160px; top:280px;}**

**.eight{background-color:#00008B;z-index:7;right:180px; top:320px;}**

**.nine{background-color:#81865B;z-index:8;left:200px; top:360px;}**

**.ten{background-color:#13860B;z-index:9;right:220px; top:400px;}**

**.dom{background-color:#81865B;z-index:8;left:240px; top:360px;}**

**.eom{background-color:#13860B;z-index:9;right:250px; top:400px;}**

**</style>**

**</head>**

**<body bgcolor="gray">**

**<div >**

**<div class="com one"><a href="#">Div #1st </a></div>**

**<div class="com two"><a href="#">Div #2nd </a></div>**

**<div class="com three"><a href="#">Div #3rd </a></div>**

**<div class="com four"><a href="#">Div #4th </a></div>**

**<div class="com five"><a href="#">Div #5th </a></div>**

**<div class="com six"><a href="#">Div #6th </a></div>**

**<div class="com seven"><a href="#">Div #7th </a></div>**

**<div class="com eight"><a href="#">Div #8th </a></div>**

**<div class="com nine"><a href="#">Div #9th </a></div>**

**<div class="com ten"><a href="#">Div #10th </a></div>**

**<div class="com dom"><a href="#">Div #10th </a></div>**

**<div class="com eom"><a href="#">Div #10th </a></div>**

**<div>**

**</body>**

**</html>**

**Floating and clear**

***By using float we can arrange web contents***

**For example in paragraph**

**P{float:left;}floating value 🡺left right none**

**Img{float:left:}**

**.classname{**

**Clear:both:} 🡺 left,right both is always used for two**

**<style>**

**p{font-size:1.5em;}**

**.aman{**

**border:1px solid red;**

**width:70%;**

**float:left;}**

**img{float:right;}**

**.preet{clear:both;}**

**</style>**

**Here you can 2 -3 para graph then add any picture the do this html commands**

**Position**

**Position have four value Position:🡪 static, relative, absolute, fixed ;**

1. **Static is a normal and default position**
2. **Relative :by using left right top bottom property we can change position other element can’t defected**
3. **Absolute position when we use it the top:25px; bottom:20px by value**
4. **Fixed always used for fix position of any element whenever you scroll then position can’t change**

**<title> waheguru Floating </title>**

**<style>**

**p{font-size:1.5em;}**

**img{**

**position:fixed;}**

**h1{**

**position:fixed;**

**top:50px;}**

**div{**

**border:2px solid blue;**

**margin:25px;**

**padding:10px;**

**border-bottom:20px solid blue;**

**position:relative;}**

**</style>**

Position Element display property

**Block 🡺h1, ol, ul table, p**

**Inline 🡺b, td, a, img, span work in line**

**Display property 🡺by using we can change the work of inline and block display property have four value**

**Display :inline / block / inline-block /none**

**Block by using this we can remove bullets from ul**

**None is used for hide**

**<html>**

**<head>**

**<title>My test</title>**

**<style>**

**ul li{**

**display:block;**

**padding:10px;**

**color:blue;**

**font-size:1.5em;}**

**/\* we can use inline, block, block-inline and none for hide \*/**

**</style>**

**</head>**

**<body>**

**<ul>**

**<li>CSS selector in Hindi part 3 of 3</li>**

**<li>Pseudo elements in CSS in Hindi part 1 of 3</li>**

**<li>CSS pseudo elements in CSS in Hindi part 2 of 3</li>**

**<li>CSS pseudo elements in CSS in Hindi part 3 of 3</li>**

**</ul>**

**</body>**

**</html>**

Opacity property

We can use it for attractive and decorative hide and unhide

<html>

<head>

<title>My test</title>

<style>

img{

width:200px;

height:220px;

opacity:.2;

float:left;

padding:10px;

}

img:hover{ opacity:.8}

</style>

<base href="C:\Users\khalsa\Desktop\pandey\">

</head>

<body>

<img src="aman.jpg">

<img src="wahe.jpg">

<img src="sardar ji.jpg">

<img src="sardar g.gif">

</body>

</html>

Practical of opacity topic I like it

<html>

<head>

<title>My test</title>

<base href="C:\Users\khalsa\Desktop\pandey\">

<style>

img{

width:200px;

height:220px;

opacity:.2;

float:left;

padding:10px;

}

img:hover{ opacity:.8; cursor:pointer;}

ul li {

display:inline;}

div{margin-top:200px;

font-family:times new roman;

font-size:1.5em;}

hr:hover{

curson:pointer;

opacity:.8;}

hr{

opacity:.1;}

</style>

</head>

<body>

<a href="#question1"><img src="C:\Users\khalsa\Desktop\pandey\aman.jpg" ></a>

<a href="#question2"><img src="C:\Users\khalsa\Desktop\pandey\wahe.jpg"></a>

<a href="#question3"><img src="C:\Users\khalsa\Desktop\pandey\sardar ji.jpg"></a>

<a href="#question3"><img src="C:\Users\khalsa\Desktop\pandey\sardar g.gif"></a><br>

<a href="\C:\Users\khalsa\Desktop\pandey\aman.jpg"><hr size="100%" color="blue"></a>

<div>

<pre>

I'm Amanpreet singh ji Khalsa from punjab

ECHNICAL SKILLS:-

>Computer Applications Skills

>MicroSoft Office Skills

>Basic Computer Electronics Skills

I 'm Religious Person

I Respect my Elders give Love Younger

I have faith in GOD

THAT'S ALL ABOUT ME.

</pre>

</div>

</body>

</html>

Overflow

Overflow element is used for control the flow of long text and etc suppose long paragraph text you can set it border

Over flow have four property : hidden / scroll / auto visible