CSS:- cascading style sheet
Uses:-
1)We can develop and create webpages as we want
2)giving styles for html elements(tags)
3)Declaration of the webpage
4)Event Handling
5)Website templates or web layouts

Types of CSS:-
4types of styles
1)Internal CSS
In this type of stylesheets we are going to write the styles in the
<head> section
<head>
CSS styles
</head>

2)External CSS
In this type of stylesheets we are going to write the styles in a
separate file and we have to save that file with .css extension
.html file ==> html tag
.css file ==> which contains only styles
<link> tag we are going to link the css and html files

Advantages:-
1)reusability
2)security for the code
3)Inline css:-
here we are going to write the styles within the tag itself
ex:
<p style=".......">
<h1 style=".......">
4)Embed CSS:- (now a days no one using)
Here we are going to use the styles in between the <head> and <body>
tag.
</head>
CSS styles
<body>

Syntax for CSS styles:-

<style type="text/css"
CSS Properties
</style>

Syntax for CSS Properties

selecter
{
propertyname: value;

```
propertyname: value;
.................
}

selector ==> we are going to write tagnames, classname, and id names.
propertyname ==> attributes
value ==> value of the property
e.g.:-
body
{
color:blue;
}

3 concept which we are going to use in CSS when we are applying styles
in the webpage
1)classes(.)
Same tag but multiple properties
e.g.:-
<h1>
<h1>
<h1>
2)Grouping(,)
Same property for multiple tags.
e.g.:-
p, h1,font,table
{
color:"blue";
}
3)IDS(#)
<div> tag ==>division tag by using this <div> tag only  we are going
to develop the webpage

Body tag Properties or Background Properties
<html>
<head>
<title>Background properties</title>
<style type="text/css">

body
{
color:red;
background-color:lightgreen;
background-image:url("1234.jpg");
background-repeat:no-repeat;
/* repeat, no-repeat, repeat-x, repeat-y */
/* this is the comment it won't show on the screen */
background-position:bottom right;
/* top/center/bottom left/right/center, xpos ypos */
background-attachment:fixed
/* fixed/scroll */
```

```
}

</style>
</head>
<body>

</body>
</html>

Heading Properties
<html>
<head>
<title>Heading properties</title>
<style type="text/css">
h1
{
color:blue;
text-align:center;
text-decoration:underline;
text-transform:uppercase;
}
</style>
</head>
<body>
<h1>apes  comPuTeRs</h1>
<h1>apes  comPuTeRs</h1>
<h1>apes  comPuTeRs</h1>
</body>
</html>


<<<<some thing should be here>>>>>


Paragraph Properties
<html>
<head>
<title>Paragraph properties</title>
<style type="text/css">
p
{
color:blue;
font-size:22px;
text-align:justify;
text-indent:300px;
line-height:30px;
border:3px solid red;
/*solid, dashed, dotted, double, groove, inset, outset */
margin:30px 20px 0px 40px;
padding:40px 20px 10px 30px;
```

```
/* margin means gap between the page and border
padding means gap between the text and border */
}
</style>
</head>
<body>
<p>
Here are some text.
</p>
</body>
</html>

Scrollbar
<html>
<head>
<title>Scrollbar properties</title>
<style type="text/css">
body
{
/* supports only in internet Explorer */
scrollbar-arrow-color:red;
scrollbar-face-color:blue;
scrollbar-track-color:green;
scrollbar-shadow-color:orange;

}
</style>
</head>
<body>
<img src="111.jpg"><br><br>
<img src="111.jpg"><br><br>
<img src="111.jpg"><br><br>
<img src="111.jpg"><br><br>
<img src="111.jpg"><br><br>
<img src="111.jpg"><br><br>
<img src="111.jpg"><br><br>
<img src="111.jpg"><br><br>
</body>
</html>

List Tag Properties

<html>
<head>
<title>List Tag Properties</title>
<style type="text/css">

</style>
</head>
<body>
```

```
<ol>
<li>Rose</li>
<li>Lily</li>
<li>Lotus</li>
<li>Jasmine</li>
</ol>

<ul>
<li>Rose</li>
<li>Lily</li>
<li>Lotus</li>
<li>Jasmine</li>
</ul>

<ul>
<li>Rose</li>
<li>Lily</li>
<li>Lotus</li>
<li>Jasmine</li>
</ul>

</body>
</html>
```

Table tag properties

border
caption
width
height
alignment

```
<html>
<head>
<title>Sample Table</title>
<style>
table,tr,td,th
{
border:3px solid red;
border-collapse:collapse;
}

caption
{
font-size:24px;
font-weight:bold
font-style:italic
color:blue;
}
```

```css
table
{
width:500px;
height:400px;
caption-side:bottom; /* bottom/top */
}
tr:nth-child(even)
{
background-color:lightgreen;
}

tr:nth-child(odd)
{
background-color:lightblue;
}

tr:hover
{
background-color:orange
font-weight:bold;
font-size:20px;
}

</style>
</head>
<body>

<table>

<caption>Simple Caption</caption>

<tr>
<th>S.No</th>
<th>Name</th>
<th>Course</th>
<th>Marks</th>
</tr>

<tr>
<td>101</td>
<td>Ramu</td>
<td>HTML</td>
<td>88</td>
</tr>

</table>
</body>
</html>
```

Div Tag Example

```
<html>
<head>
<title>Div Tag Example</title>
</head>
<body>
<div style="color:blue; font-size:24px; text-align:justify;
position:absolute; top:10px; left:20px; right:250px;">
<p>

here some text

</p>
</div>

<div style="position:absolute; top:10px; right:10px;>
<img src="111.jpg" width=250 height=250>
</div>
<div style="position:absolute; top:350px;>
<img src="111.jpg" width=250 height=250>
</div>
<div style="color:green; font_size:20px; text-align:justify;
position:absolute; top:350px; left:20px; right:10px;>
<img src="111.jpg" width=250 height=250>
</div>

</body>
</html>

Div Tag

<html>
<head>
<title>This is Div tag</title>
<style type="text/css">
#div1
{

position:absolute;
top:20px;
left:20px;
width:200px;
height:80px;
background-color:lightgreen;
z-index:3;
}

#div2
{

position:absolute;
```

```
top:50px;
left:50px;
width:200px;
height:80px;
background-color:lightgreen;
z-index:2;
}

#div3
{

position:absolute;
top:80px;
left:80px;
width:200px;
height:80px;
background-color:lightgreen;
z-index:1;
}

</style>
</head>
<body>
<div id="div1">This is div tag 1</div>
<div id="div2">This is div tag 2</div>
<div id="div3">This is div tag 3</div>
</body>
</html>

Spantag
<html>
<head>
<title>Span tag</title>
<style type="text/css">
div, span
{
background-color:lightgreen;
border:3px solid red;
}
</style>
</head>
<body>
<div>this is sample div tag</div>
<br><br>
<span> this is sample span tag</span>
</body>
</html>

Display
<html>
```

```html
<head>
<title>Display tag</title>
<style type="text/css">

li
{
display:inline;
list-style-type:none;
}

a
{
text-decoration:none;
display:block;
background-color:lightgreen;
width:100px;
height:50px;
text-align:center;
}
h1.x
{
 display:none;
/* visibility:hidden; */
/* for display:none  it will remove the space occupied by the tag  but
whereas the visibility property will not remove the space so it will
be just hidden*/

}
</style>
</head>
<body>
<ul>
<li>HOME</li>
<li>ABOUT</li>
<li>SERVICES</li>
<li>CONTACT</li>
</ul>

<br>

<a href="http://www.durgajobs.com">
CLICK HERE
</a>

<h1 class="x">WelCome</h1>
<h1>How are you</h1>

</body>
</html>
```

```
width vs max width
<html>
<head>
<title>width vs max width</title>
<style type="text/css">
#x
{
width:600px;
text-align:justify;
border:2px solid red;
}
#y
{
max-width:600px; /*for responsive website design for mobile friendly
site */
text-align:justify;
border:2px solid red;
}
</style>
</head>
<body>

<div id="x">
some text here
</div>

<br><br>

<div id="y">
some text here
</div>

</body>
</html>
```