

Experiment - 9

Aim: Create an HTML file to implement the styles related to text, fonts, links using cascading style sheets.

```
<!DOCTYPE html>
<html> <head>
<title>folite</title>
<link rel=stylesheet href=exp9.css type=text/css>
</head> <body>
<h1>Style Sheets</h1><hr>
<p class=upper>the easy Way To Stylize Your Web Pages</p>
<div class=d1> CSS is an easy way to effect sweeping stylistic control in your web pages without much effort.
</div><br><br>
<p ><b>
<a href=" /Download/css.html" target="_blank">Cascading Style Sheets(CSS)
</a></b></p>
<p class=small>
<b>Note:</b> a:hover MUST come after a:link and a:visited in the CSS definition in order to be effective.
Line-height attribute is the space between the consecutive lines. Text transform attribute capitalize the first letter of each word whereas font-varient attribute with value small-caps captilaizes smallcase also but the size of smallcase letter is smaller than uppercase letters.
</p><br>
<div class=d2><p>
<b>Note:</b> a:active MUST come after a:hover in the CSS definition in order to be effective.
</p></div>
</body>
</html>
```

External CSS file saved as "exp9.css"

```
body { color:black; }
h1 {
color: magenta;
text-align: center;
letter-spacing: 1px;
```

```

font-size: 60px; }
p.upper {
text-transform:capitalize;
font-size:40px;
text-indent: 250px;
font-family:sans-serif;
font-style: italic;
font-weight: normal;
font-variant: small-caps; }
div.d1 {
text-align: justify;
font-size: 20px;
border-radius:500px;
border: 10px solid pink; }
p.small {
line-height: 3;
font-family: "Times New Roman", Times;
font-style: normal;
font-weight: bold;
font-variant: normal; }
div.d2 {
direction: rtl;
text-transform:uppercase;
box-shadow: 600px 25px 50px green; }
/* unvisited link */
a:link { color: brown;
text-decoration: overline;
background-color: white; }
/* visited link */
a:visited { color: green;
text-decoration: none;
background-color: lightyellow; }
/* mouse over link */
a:hover { color: hotpink;
background-color: lightgrey;
text-decoration: underline; }
/* selected link */
a:active { color: blue;
text-decoration: line-through;
background-color:lightgreen; }

```

Experiment - 10

Aim: Develop an HTML file to implement the styles related to lists, tables using cascading style sheets.

```
<!DOCTYPE html>
<html> <head>
<title>tali</title>
<link rel=stylesheet href=exp10.css type=text/css>
</head> <body>
<p><u>Example of unordered lists:</u></p>
<p>Shapes as bullets</p>
<ul class="a">
<li>Coffee</li>
<li>Tea</li>
<li>Coca Cola</li> </ul><br>
<p>Images as bullets</p>
<ul class="b">
<li>Coffee</li>
<li>Tea</li>
<li>Coca Cola</li> </ul>
<div style=position:absolute;top:0;left:70%>
<p><u>Example of ordered lists:</u></p>
<p>Alphabets as numbers</p>
<ol class="c">
<li>Coffee</li>
<li>Tea</li>
<li>Coca Cola</li> </ol> </div>
<div style=position:absolute;top:27%;left:70%>
<p>Roman numbers as numbers</p>
<ol class="d">
<li>Coffee</li>
<li>Tea</li>
<li>Coca Cola</li> </ol> </div>
<div style="overflow-x:auto;">
<table>
<caption><b>Table Styling</b></caption>
```

```

<tr>
<th>Company</th>
<th>Contact</th>
<th>Country</th> </tr> <tr>
<td>Alfreds Futterkiste</td>
<td>Maria Anders</td>
<td>Germany</td> </tr> <tr>
<td>Centro comercial Moctezuma</td>
<td>Francisco Chang</td>
<td>Mexico</td> </tr>
<tr>
<td>Ernst Handel</td>
<td>Roland Mendel</td>
<td>Austria</td> </tr> <tr>
<td>Island Trading</td>
<td>Helen Bennett</td>
<td>UK</td> </tr>
</table> </div> </body> </html>

```

External CSS file saved as "exp10.css"

```

ul.a { list-style-type: circle;
list-style-position: inside; }
ul.b { list-style-image: url('sub.png');
list-style-position: outside; }
ol.c { list-style-type: lower-alpha;
padding: 5px;
margin-left: 50px; }
ol.d { list-style-type: upper-roman;
margin: 30px;
background: ff9999; }
table { width: 100%;
font-family:aerial,sans-serif;
border-collapse:collapse; }
th { text-align: left;
border-bottom: 1px solid green; }
td { height: 50px;
vertical-align: bottom;
border-bottom: 1px solid blue; }
tr:hover {background-color:grey}

```

Experiment - 11

Aim: Develop an HTML page to demonstrate the use of basic HTML Tags.

```
<!Doctype HTML>
<html>
<head>
<title>
Testing and Consultancy Cell
</title>
</head>
<body bgcolor='cyan'>
<div style="padding:50px;">
<h1 align='center'>Testing and Consultancy Cell
</h1>
</div>
<p align='center'>Guru Nanak Dev Engineering College
</p>
<hr>
<br>
<p align='center' style="letter-spacing: 1.5px;">
Providing technical services since 1979 in ...
</p>
<div style="padding:50px;">
<p>
My Six Weeks Institutional Training was done by me at TCC i.e Testing And Consultancy Cell, GNDEC
Ludhiana under the guidance of Dr. H.S.Rai Dean Testing and Consultancy Cell. Testing and Consul-
tancy Cell was established in the year 1979 with a basic aim to produce quality service for technical
problems at reasonable and affordable rates as a service to society in general and Engineering fraternity
in particular.
</p>
</div>
</body>
</html>
```

Experiment - 12

Aim: Demonstrate the use of loops and arrays in PHP.

```
<!DOCTYPE html>
<html>
<title>Loops</title>
<body>
<?php
$t = date("sec");
$k=date("H");
$v=date("D,M,Y");
echo "<b>Current Timing: </b> $t";
echo "<p align=right>$v</p> ";
echo "<h2><center>PHP Loops and Statements</center></h2>";
echo "<b>if loop</b><br>";
if ($k < "10") {
echo "Have a good morning!";
}
elseif ($k < "20") {
echo "Have a good day!";
} else {
echo "Have a good night!";
}
echo "<br>";
echo "<div style=position:absolute;left:60%;top:19%>";
$favcolor = "red";
echo "<b>Switch Case</b><br>";
switch ($favcolor) {
case "red":
echo "Your favorite color is red!";
break;
case "blue":
echo "Your favorite color is blue!";
break;
case "green":
echo "Your favorite color is green!";
```

```

break;
default:
echo "Your favorite color is neither red, blue, nor green!";
}
echo "</div>";
echo "<br>";
$x = 1;
echo "<b>while loop</b><br>";
while($x <= 2)
echo "The number is: $x <br>";
$x++; }
echo "<div style=position:absolute;left:60%;top:29%>";
echo "<b>do while loop</b> <br>";
do {
echo "The number is: $x <br>";
$x++;
} while ($x <= 2);
echo "</div>";
echo "<h2><center>Playing with Arrays</center></h2>";
echo "<b>Original Array1</b><br>";
$cars = array("Volvo", "BMW", "Toyota");
{echo "I like " . $cars[0] . " , " . $cars[1] . " and " . $cars[2] . " ."; }
echo "<div style=position:absolute;left:60%;top:47%>";
echo "<b>Original Array2</b><br>";
$age = array("Peter"=>"35", "Ben"=>"37", "Joe"=>"43");
foreach($age as $x => $x_value) {
echo "$x is $x_value years old";
echo "<br>";
}
echo "</div>";
$n=count($cars);
echo "<br><br><br>";
sort($cars);
echo "<b>sort()</b><br>";
for($x = 0; $x < $n; $x++) {
echo $cars[$x];
echo "<br>";
}
echo "<br>";
echo "<div style=position:absolute;left:45%;top:60%>";

```

```

echo "<b>rsort()</b> <br>";
rsort($cars);
for($x = 0; $x < $n; $x++) {
echo $cars[$x];
echo "<br>";
}
echo "</div>";
echo "<div style=position:absolute;left:75%;top:60%>";
echo "<b>asort() </b><br>";
asort($age);
foreach($age as $x => $x_value) {
echo "Key=" . $x . ", Value=" . $x_value;
echo "<br>";
}
echo "</div>";
echo "<b>ksort </b><br>";
ksort($age);
foreach($age as $x => $x_value)
echo "Key=" . $x . ", Value=" . $x_value;
echo "<br>";

echo "<div style=position:absolute;left:45%;top:73%>";
echo "<b>arsort</b><br>";
echo arsort($age);
foreach($age as $x => $x_value) {
echo "Key=" . $x . ", Value=" . $x_value;
echo "<br>";
}
echo "</div>";
echo "<div style=position:absolute;left:75%;top:73%>";
echo "<b>krsort()</b><br>";
echo krsort($age);
foreach($age as $x => $x_value) {
echo "Key=" . $x . ", Value=" . $x_value;
echo "<br>";
echo "</div>";
}
?>
</body>
</html>

```