**PRESIDENCY COLLEGE BENGALURU-24**

**DEPARTMENT OF DCA**

**GC201.5P:WP LAB PART-B PROGRAMS**

1. Design a web page using different text formatting tags.
2. Design a web page with links to different pages and allow navigation between pages.
3. Create a web page to display different types of lists.
4. Program to define style sheet for anchor tag.
5. Create a web page using different levels of style sheet.
6. Create a web page to demonstrate different types of selectors
7. Create a web page to display mouse position.
8. Create a web page to demonstrate table tag.
9. Write a program to validate username and password
10. Write a program to convert lowercase string to uppercase string.
11. Design a web page using different text formatting tags.

<!DOCTYPE html>  
<html>  
<head><title>Text Formatting Example</title>  
</head>  
<body><h1>This is a heading using h1</h1>  
<h2>This is a subheading using h2</h2>  
  
<p>This is a paragraph. We can <b>bold</b> some text, <i>italicize</i> other parts, and use <small>smaller</small> text.</p>  
  
<p>We can also <u>underline</u> text, and <s>strike it through</s>. The <mark>mark</mark> tag highlights text like it's been marked with a highlighter.</p>  
  
<p>This is a paragraph with <strong>important text</strong>, which is often rendered as bold as well.</p>  
  
<p>We can use <sup>superscript</sup> like this (x<sup>2</sup>) and <sub>subscript</sub> like this (H<sub>2</sub>O).</p>  
  
<p>This paragraph demonstrates <del>deleted text</del> which is usually rendered with a strikethrough, and <ins>inserted text</ins> which is often underlined.</p>  
  
<p>Here's a quote: <blockquote>This text is a blockquote, often indented.</blockquote></p>

<p>And a code snippet: <code>This is some code.</code></p>  
</body></html>

1. Design a web page with links to different pages and allow navigation between pages.

<!DOCTYPE html>  
<html>  
<head><title>Navigation Example</title>  
</head>  
<body>  
  
 <h1>Welcome to the Home Page</h1>  
  
 <nav>  
 <ul>  
 <li><a href="page1.html">Page 1</a></li>  
 <li><a href="page2.html">Page 2</a></li>  
 <li><a href="page3.html">Page 3</a></li>  
 </ul>  
 </nav>  
 <p>This is the main content of the home page.</p>  
</body>  
</html>

3. Create a web page to display different types of lists

<!DOCTYPE html>  
<html>

<head>

<title>subjects</title>

</head>

<body>

<ul type = “square”>

FIRST SEMESTER

<li>C</li>

<li>DE</li>

<li>DM</li>

</ul>

<ul type = “circle”>

SECOND SEMESTER

<li>DS</li>

<li>DBMS</li>

<li>NM</li>

</ul>

<ul type = “disc”">

THIRD SEMESTER

<li>C++</li>

<li>OS</li>

<li>AFM</li>

</ul>

<ol type="A">

FOURTH SEMESTER

<li>VP</li>

<li>UNIX</li>

<li>OS</li>

</ol>

<ol type="a">

FIFTH SEMESTER

<li>CA</li>

<li>SE</li>

<li>MP</li>

</ol>

<ol type="1">

SIXTH SEMESTER

<li>SP</li>

<li>TOC</li>

<li>WP</li>

<li>CNS</li>

</ol>

<dl>

<dt>

<dd> HTML is the standard markup language for creating Web pages.</dd>

</dt>

</dt>

</body>

</html>

4. Program to define style sheet for anchor tag.

<html>

<head>

<title>Style></title>

<style type="text/CSS">

a:hover

{

color : yellow;

font-size : 16px;

}

a:visited

{

color : brown;

}

</style>

<head>

<body bgcolor ="#A4F9C3">

<ul>SUBJECTS

<li><a href="sub1.html">SP</a></li>

<li><a href="sub2.html">TOC</a></li>

<li><a href="sub3.html">CNS</a></li>

<li><a href="sub4.html">WP</a></li>

</ul>

</body>

</html>

5. Create a web page using different levels of style sheet.

<!DOCTYPE html>

<html>

<body>

Inline Example:

<p style="color:blue; padding:10px; text-decoration:underline;"> Applies styles directly to the elements(tags) by using style attribute</p>

Internal Example:

<style>

p{color:red; padding:10px; text-decoration:underline;}

</style>

<p> Applies styles to HTML by Placing The CSS rules inside the style tag</p>

External Example:

<link rel="stylesheet" type="text/css" href="b5.html">

<h1>Applies styles as a separate file-b5 with a .css extension</h1>

</body>

</html>

6. Create a web page to demonstrate different types of selectors

<!DOCTYPE html>

<html>

<head>

<title> sample CSS</title>

<style type="text/css">

#ID2

{

color:red;

}

p.blue

{

color:blue;

}

.BLUE

{

color:green;

}

</style>

</head>

<body>

<p id="ID2"> The #id selector styles the XHTML element with the specified id </p>

<p class="blue"> the class slector is used to allow different occurrances of same tag</p>

<h2 class="BLUE"> A generic class can be defined if you want to apply a style</h2>

<h4 class="BLUE"> A generic class can be defined if you want to apply a style</h4>

</body>

</html>

7. Create a web page to display mouse position.

<html>

<head>

<title> mouse positions</title>

<script type="text/javascript">

function findMousePositions(evt)

{

document.getElementById("showXY").value=

"Client X=" +evt.clientX+

"Client Y=" +evt.clientY+

"Screen X=" +evt.screenX+

"Screen Y=" +evt.screenY;

}

</script>

</head>

<body onmousemove="findMousePositions(event)">

<form>

Mouse Positions are:<input type="text" id="showXY" size="50"/>

</form>

</body>

</html>

8. Create a web page to demonstrate table tag.

<html>

<table border="5">

<tr>

<th colspan="2">

<h3><br> Marksheet</h3>

</th>

</tr>

<th>SUBJECTS</th>

<th>MARKS</th>

<tr>

<td>Web programming</td>

<td>70</td>

</tr>

<tr>

<td>Theory of computation</td>

<td>100</td>

</tr>

<tr>

<td>System programming</td>

<td>100</td>

</tr>

<tr>

<td>CNS</td>

<td>100</td>

</tr>

</table>

</html>

9. Write a program to validate username and password

<html>

<head>

<script type="text/javascript">

function isValid()

{

var password=document.getElementById("password").value;

var username=document.getElementById("username").value;

if(password=="123" && username=="bca")

{

alert("correct");

}

else

{

alert("wrong username or password");

}

}

</script>

</head>

<form name="PasswordField" action="">

Username:

<input type="text" id="username" name="username"></br/>

Password:

<input type="password" id="password" name="password"></br>

<tab><input type="button" value="Log In" onclick = "isValid()">

</form>

</html>

10.Write a program to convert lowercase string to uppercase string.

<html>

<head>

<title>Lowercase to Uppercase Conversion</title>

<script type="text/javascript" >

function conversion()

{

var orgtext=document.caseconversion.content.value;

var convtext;

var lc=/[a-z]/;

var uc=/[A-Z]/;

if((orgtext.search(uc)==-1) && (orgtext.search(lc)!=-1))

{

convtext=orgtext.toUpperCase();

alert("Converted text is "+convtext);

}

else if((orgtext.search(uc)!=-1) && (orgtext.search(lc)==-1))

alert("Text already in uppercase");

else

{

alert("Text contains of mixed form of character");

convtext=orgtext.toUpperCase();

alert("Converted text is "+convtext);

}

}

</script>

</head>

<body>

<center>

<h2>Lowercase to Uppercase Conversion</h2>

<hr/>

<br/><br/>

<form name="caseconversion">

<table border="2" cellpadding="5" cellspacing="5">

<tr>

<td><strong>Enter the text :</strong></td>

<td><input type="text" name="content"/></td>

</tr>

<tr>

<td colspan="2" align="center"><input type="button" name="convert" value="Click to convert to uppercase" onclick="conversion()"/></td>

</tr>

</table>

</form>

</center>

</body>

</html>