WEB PRACTICAL PROGRAMS

1 Write a HTML program to implement Formatting tags .

<html>

<head>

<title>Formatting Tags Example</title>

</head>

<body>

<h1>HTML Formatting Tags</h1>

<p><strong>This text is bold </strong></p>

<p><em>This text is italic </em></p>

<p>This text is <b>bold</b> </p>

<p>This text is <i>italic</i></p>

<p><mark>This text is highlighted</mark></p>

<p><del>This text is deleted</del></p>

<p><ins>This text is inserted </ins></p>

<p><sub>This text is subscript</sub></p>

x<sup>2</sup><br>

h<sub>2</sub>o<br>

<p>This is a <u>underlined</u> </p>

<p><small>This text is small</small></p>

<p><strong><em>This text is both bold and italic</em></strong></p>

<pre>

HAVE

A

NICE

DAY

</pre>

<font color="red" size=9 face="Arial">hello</font>

</body>

</html>

2. Write a HTML program to demonstrate all Logical tags

<html>

<head>

<title>Using Logical tags</title>

</head>

<body>

<em>This is emphasized text</em><br>

<cite>This is cited text</cite><br>

<code>y=m\*x+b</code><br>

<strong>This is strong text</strong><br>

<del>This is deleted text</del><br>

<dfn>definition</dfn><br>

<ins>inserted</ins>text

</body>

</html>

3 Write a HTML program to implement all Header tags.

<html>

<head>

<title>heading tags</title></head>

<body>

<h1>This is heading 1</h1>

<h2>This is heading 2</h2>

<h3>This is heading 3</h3>

<h4>This is heading 4</h4>

<h5>This is heading 5</h5>

<h6>This is heading 6</h6>

</body>

</html>

4 Write a HTML program to illustrate Anchor tag along with all its attributes.

<html>

<body>

<img src="smiley.jpg" alt="Smiley face" width="42" height="42">

</body>

</html>

5 Write a HTML program to insert Image tag with all its attributes.

<html>

<head>

<title>Image Tag</title>

</head>

<body>

<img src="sunset.jpg" alt="sunset" title="sunset" border="5" align="right" height="300" width="400" vspace="20" hspace="30">

</body>

</html>

6. Create a Web Page to display the text “ALL THE BEST" aligned with images.

<html>

<head>

<title>All the Best</title>

</head>

<body>

<img src="sunset.jpg" alt="All the Best" width="200" width="150">

<p align="justify">

<h1>"ALL<u>THE BEST"</u></h1></p>

</body>

</html>

7 Write a HTML program to implement Font tags along with its attributes.

<html>

<head>

<title>Font Tag</title>

</head>

<body>

<font size=8 color="blue" face="Arial>siva sivani degree college</font>

</body>

</html>

8. Write a HTML program to illustrate List formatting tags for the streams available in College : a. Ordered list b. Unordered list c. Menu List. d. Definition List .

<html>

<head>

<title>list</title></head>

<body>

<h2>College Course List Using Unordered List</h2>

<ul>

<li>BCom(Computer Applications)</li>

<li>BCA</li>

<li>BBA</li>

</ul>

<h2>College Course List Using ordered List</h2>

<ol>

<li>BCom(Computer Applications)</li>

<li>BCA</li>

<li>BBA</li>

</ol>

<h2>A Description List</h2>

<dl>

<dt>BCom</dt>

<dd> Bachelor of Commerce</dd>

<dt>BCA</dt>

<dd> Bachelor of Computer Applications</dd>

<dt>BBA</dt>

<dd>Bachelor of Business Administration</dd>

</dl>

</body>

</html>

9. create a Web Page to display ordered list, unordered list on the subjects available in Fifth semester .

<html>

<head>

<title>Semester Subjects</title>

</head>

<body>

<h2>List of Subjects in 5th semester </h2>

<h3>Ordered List</h3>

<ol>

<li>Sanskrit</li>

<li>English</li>

<li>Web Technology</li>

<li>Income Tax</li>

<li>Business Statistics-2</li>

</ol>

<h3>List of Subjects in 5 thSemester </h3>

<h3>Unordered List</h3>

<ul type="square">

<li>Sanskrit</li>

<li>English</li>

<li>Web Technology</li>

<li>Income Tax</li>

<li>Business Statistics-2</li>

</ul>

</body>

</html>

10. create a Table with Four rows and Four columns in HTML .

<html>

<head>

<title>4x4 Table</title>

</head>

<body>

<table border="3">

<tr>

<th>EMPID</th>

<th>EMPNAME</th>

<th>DEPARTMENT</th>

<th>SALARY</th>

</tr>

<tr>

<td>1</td>

<td>AMIT</td>

<td>MANAGER</td>

<td>40000</td>

</tr>

<tr>

<td> 2</td>

<td>MANASA</td>

<td>ACCOUNTANT</td>

<td>60000</td>

</tr>

<tr>

<td> 3</td>

<td>RAMU</td>

<td>SALESMAN</td>

<td>34000</td>

</tr>

</table>

</body>

</html>

11. Write a HTML program to create a Time-table of your College using necessary options such as Cellpadding, Cellspacing , colspan , rowspan .

<html>

<body>

<br>

<h1 align="center"><u>TIME TABLE</u></h1>

<table border="1" bgcolor="lightblue" cellpadding="5" align="center">

<tr>

<th>&nbsp;</th>

<th>1<sup>st</sup>&nbsp;hour</th>

<th><i>2<sup>nd</sup>&nbsp;hour</th>

<!-- 4th column heading which is spanned into all the 7 rows -->

<th rowspan="7"><b>B<BR>R<BR>E<BR>A<BR>K<BR><BR>1</th>

<th>3<sup>rd</sup>&nbsp;hour</th>

<th>4<sup>th</sup>&nbsp;hour</th>

<th rowspan="7"><b>B<BR>R<BR>E<BR>A<BR>K<BR><BR>2</th>

<th>5<sup>th</sup>&nbsp;hour</th>

<th>6<sup>th</sup>&nbsp;hour</th>

</tr>

<tr>

<th>MONDAY</th>

<td>English</td>

<td>Second Language</td>

<td>Leadership</td>

<td>Income Tax</td>

<td>Business Statistics</td>

<td>Web Technology</td>

</tr>

<!-- 3rd row of the time table -->

<tr>

<th>TUESDAY</th>

<td>English</td>

<td>Second Language</td>

<td>Leadership</td>

<td>Income Tax</td>

<td>Business Statistics</td>

<td>Web Technology</td>

</tr>

<tr>

<th>WEDNESDAY</th>

<td>English</td>

<td>Second Language</td>

<td>Leadership</td>

<td>Income Tax</td>

<td>Business Statistics</td>

<td>Web Technology</td>

</tr>

<!-- 5th row of the time table -->

<tr>

<th>THURSDAY</th>

<td>English</td>

<td>Second Language</td>

<td>Insurance</td>

<td>Income Tax</td>

<td>Business Statistics</td>

<td>Web Technology</td>

</tr>

<tr>

<th>FRIDAY</th>

<td>English</td>

<td>Second Language</td>

<td>Insurance</td>

<td>Income Tax</td>

<td>Business Statistics</td>

<td>Web Technology</td>

</tr>

<tr>

<th>SATURDAY</th>

<td>English</td>

<td>Second Language</td>

<td>Insurance</td>

<td>Income Tax</td>

<td>Business Statistics</td>

<td>Web Technology</td>

</tr>

</table>

</body>

</html>

12. Write a HTML program to marquee the image and text

<html>

<head>

<title>Marquee</title>

</head>

<body>

<marquee direction="right" bgcolor="red" scrollamount="10" behavior="scroll" scrolldelay="10" vspace="20" hspace="20" loop="4">

<img src="car.jpg" height="500" width="400">

</marquee>

<marquee direction="up" bgcolor="green" scrollamount="10" behavior="scroll" scrolldelay="10" vspace="20" hspace="20" loop="4">

Hello world

</marquee>

</body>

</html>

13 Create a Web Page in which the text " WEB TECHNOLOGY " should scroll in different directions for four times .

<html >

<head>

<title>Scrolling Web Technology</title>

</head>

<body>

<h1>Using Marquee Tag:</h1>

<marquee behavior="scroll" direction="left" scrollamount="10">

<b><u>WEB TECHNOLOGY</u></b>

</marquee>

<marquee behavior="scroll" direction="right" scrollamount="10"><u><b>

"WEB TECHNOLOGY"</u></b>

</marquee>

<marquee behavior="scroll" direction="up" scrollamount="10" height="100">

<b><u>"WEB TECHNOLOGY"</u></b>

</marquee>

<marquee behavior="scroll" direction="down" scrollamount="10" height="100">

<b><u>"WEB TECHNOLOGY"</u></b>

</marquee>

</body>

</html>

14

<html>

<head>

<title>Information Table</title>

</head>

<body>

<table border=3>

<thead>

<tr>

<th>S.No</th>

<th>Name</th>

<th>Specialization</th>

</tr>

</thead>

<tbody>

<tr>

<td>1</td>

<td>Ada Lovelace</td>

<td>She is the World's first Computer Programmer.</td>

</tr>

<tr>

<td>2</td>

<td>Adam Osborne</td>

<td>Creator of the first commercially available Portable Computer.</td>

</tr>

<tr>

<td>3</td>

<td>Abhay Bhushan</td>

<td>Author of the File Transfer Protocol.</td>

</tr>

<tr>

<td>4</td>

<td>Alan Cooper</td>

<td>Father of Visual Basic.</td>

</tr>

<tr>

<td>5</td>

<td>Alan Emtage</td>

<td>Developer of "Archie," which is considered to be the first search engine.</td>

</tr>

<tr>

<td>6</td>

<td>Alan Schaaf</td>

<td>Founder of "Imgur," which is the world's largest image hosting site.</td>

</tr>

<tr>

<td>7</td>

<td>Alexander Douglas</td>

<td>Created the first graphical Computer game, OXO.</td>

</tr>

<tr>

<td>8</td>

<td>Andreas Bechtolsheim</td>

<td>Co-founder of Sun Microsystems.</td>

</tr>

</tbody>

</table>

</body>

</html>

15. Create a Program on the concept of Form containing Textboxes, Radio Buttons and Check boxes

<html>

<head>

<title>Examination Form</title>

</head>

<body>

<h2>Examination Form</h2>

<form>

Name: <input type="text" name="name"><br><br>

Password: <input type="text" name="Password"><br><br>

Gender:

<input type="radio" name="gender" value="male"> Male

<input type="radio" name="gender" value="female"> Female<br><br>

Subjects:

<input type="checkbox" name="subject" value="math"> Math

<input type="checkbox" name="subject" value="science"> Science<br><br>

Exam Date: <input type="date" name="examDate"><br><br>

<button type="submit">Submit</button>

</form>

</body>

</html>

16. Create a Program on Employee Information Form.

<html>

<body>

<h2>Employee Application Form</h2>

<form action="">

Employee name: <input type="text" name="userid"><br><br>

E-mail:

<input type="email" name="email">

<br><br>

Gender:

<input type="radio" name="gender" value="male" checked> Male

<input type="radio" name="gender" value="female"> Female<br><br>

Applying for:

<input type="checkbox" name="n1" value="">S/W Developer

<input type="checkbox" name="n2" value="">Analyst

<br><br>

Prefered Location:

<select>

<option>Hyderabad</option>

<option>Delhi</option><option>Bengluru</option></select><br>

<br>

<input type="submit">

</form>

</body>

</html>

17. Write a program to create Pull down menu on the universities available in Telangana State.

<html>

<body>

<h1>Universities in Telengana</h1><br>

<select>

<option value="v1">Osmania University</option>

<option value="v2">JNTU</option>

<option value="v3">HCU</option>

<option value="v4">Telangana University</option>

<option value="v5">PottiSreeramulutelugu University</option>

<option value="v6">Nizam Institute of Medical Science</option>

<option value="v7">Kakatiya University</option>

<option value="v8">Satavahana University</option>

</select>

</body>

</html>

18. Write a program to create Pull down menu on various Web Designing Softwares

<html>

<body>

<h1>List of Web Designing Softwares</h1><br>

<select>

<option value="v1">Google Web Designer</option>

<option value="v2">Sketch</option>

<option value="v3">Macaw</option>

<option value="v4">Figma</option>

<option value="v5">Photoshop</option>

<option value="v6">Pixlr</option>

<option value="v7">Hologram</option>

<option value="v8">Canva</option>

</select>

</body>

</html>

19. Create a Web Page of student information form, when the information is submitted message should be displayed .

<HTML>

<HEAD>

<TITLE>Student Registration Form</TITLE>

</HEAD>

<BODY>

<H1>Student Registration Form</H1>

<FORM onsubmit ="alert('All the details of this form are submitted')">

<B>Application Form</B>

<P>Fill the form and click the SUBMIT button</P>

<BR><BR>

<B>Name:</B><INPUT type="text" name="fname" value="">

<BR><BR>

<B>Roll Number:</B><INPUT type="text" id="fnumber" value="">

<BR><BR>

<B>DOB:</B><INPUT type="text" id="fnumber" value="">

<BR><BR>

<B>Course:</B><select name="course">

<option value="BCOM">BCOM</option>

<option value="BSC">BSC</option>

<option value="BBA">BBA</option></select><br><BR>

<B>Address:</B><INPUt type="text" name="faddress" value="">

<BR><BR>

<B>Email id:</B><INPUT type="text" name="femail" value="">

<BR><BR>

<INPUt type="submit" value="SUBMIT">

</FORM>

</BODY>

</HTML>

20. Write a HTML program to create Four Vertical Frames .

<html>

<head>

<title>vertical frames</title>

</head>

<frameset cols="25%,25%,25%,25%">

<frame src="Web-Prog-01.html">

<frame src="Web-Prog-02.html">

<frame src="Web-Prog-03.html">

<frame src="Web-Prog-04.html">

</frameset>

</html>

21 Write a HTML program to create Four Horizontal Frames

<html>

<head>

<title>horizontal frames</title>

</head>

<frameset rows="25%,25%,25%,25%">

<frame src="Web-Prog-01.html">

<frame src="Web-Prog-02.html">

<frame src="Web-Prog-03.html">

<frame src="Web-Prog-04.html">

</frameset>

</html>

22. Write a DHTML program for Cascading style Sheets.

<html>

<head>

<title>cascading style sheets</title>

<style>

body

{

background-color:pink;

}

h1

{

color: purple;

margin-left: 40px;

}

</style>

</head>

<body>

<h1>This is a heading</h1>

<p>This is a paragraph.</p>

</body>

</html>

23. Write a DHTML program to demonstrate Inline Style Sheets.

<html>

<head>

<title>Inline Stylesheets</title>

</head>

<body>

<p style="color:red;">Text in Red</p>

<h2>Title Heading</h2>

<b style="color:blue;">Text in Blue</b>

<p style="color:green;font-size:40px;">Welcome!</p>

</body>

</html>

24. Write a DHTML program to demonstrate External Style Sheets.

style.css

h1

{

color: red;

border: thin groove;

font size:20px

}

Web-Prog-24.html

<html>

<head>

<title>Simple Stylesheet</title>

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

<body>

<h1>Simple Stylesheet</h1>

<p>The first paragraph is left unaltered.</p>

<p style="margin-left: 10%; border: ridge; background: #ffffcc">

But this paragraph undergoes some fairly radical alterations

</p>

<p>And we finish with an unaltered paragraph.</p>

</body>

</html>

25. Write a DHTML program to demonstrate Embedded Style Sheets.

<html>

<head>

<title>Embedded Style Sheet</title>

<style type="text/css">

p {

color: red;

font-size: 26px;

font-family: Impact;

}

</style>

</head>

<body>

<h1>This is a heading tag</h1>

<p>This is a paragraph tag</p>

</body>

</html>

26 Write a DHTML program to illustrate Id and Class Selectors using CSS

<html>

<head>

<title> Classes</title>

<style>

.cls

{

color:green;

background-color:yellow;

font-family: Impact;

}

#p1

{

color:red;

}

</style>

</head>

<body>

<h1 class="cls">A Simple Heading</h1>

<p id="p1">Applying the style fred to a paragraph of text</p>

</body>

</html>

27. Write a DHTML program to demonstrate Filters .

<html>

<head>

<style>

.blur

{

filter: blur(4px);

20

}

.brightness

{

filter: brightness(0.30);

}

.contrast

{

filter: contrast(180%);

}

.grayscale

{

filter: grayscale(100%);

}

.huerotate

{

filter: hue-rotate(180deg);

}

.invert

{

filter: invert(100%);

}

.opacity

{

filter: opacity(50%);

}

.saturate

{

filter: saturate(7);

}

.sepia

{

filter: sepia(100%);

}

.shadow

{

filter: drop-shadow(8px 8px 10px green);

}

</style>

</head>

<body>

<h1>The filter Property</h1>

<img src="pineapple.jpg" alt="Pineapple" width="300" height="300">

<img class="blur" src="pineapple.jpg" alt="Pineapple" width="300" height="300">

<img class="brightness" src="pineapple.jpg" alt="Pineapple" width="300" height="300">

<img class="contrast" src="pineapple.jpg" alt="Pineapple" width="300" height="300">

<img class="grayscale" src="pineapple.jpg" alt="Pineapple" width="300" height="300">

<img class="huerotate" src="pineapple.jpg" alt="Pineapple" width="300" height="300">

<img class="invert" src="pineapple.jpg" alt="Pineapple" width="300" height="300">

<img class="opacity" src="pineapple.jpg" alt="Pineapple" width="300" height="300">

<img class="saturate" src="pineapple.jpg" alt="Pineapple" width="300" height="300">

<img class="sepia" src="pineapple.jpg" alt="Pineapple" width="300" height="300">

<img class="shadow" src="pineapple.jpg" alt="Pineapple" width="300" height="300">

<p><strong>Note:</strong> The filter property is not supported in Internet Explorer, Edge

12, or Safari 5.1 and earlier.</p>

</body>

</html>

28. Write a DHTML program to demonstrate Transitions.

<html>

<head>

<style>

div

{

width: 100px;

height: 100px;

background: red;

transition: width 2s;

}

div:hover

{

width: 300px;

}

</style>

</head>

<body>

<h1>The transition Property</h1>

<p>Hover over the div element below, to see the transition effect:</p>

<div></div>

<p><b>Note:</b> This example does not work in Internet Explorer 9 and earlier

versions.</p>

</body>

</html>

29 Write a DHTML program to demonstrate changing text and attributes using CSS.

<html>

<head>

<style>

h1

{

text-decoration: overline;

}

h2

{

text-decoration: line-through;

}

h3

{

text-decoration: underline;

}

</style>

</head>

<body>

<h1>This is heading 1</h1>

<h2>This is heading 2</h2>

<h3>This is heading 3</h3>

</body>

</html>

30. Write a Java Script program to calculate Area and circumference of a Circle .

<html>

<head>

<title>Area and Perimeter of a Circle</title>

</head>

<body>

<script>

var r=Number(prompt("Enter radius:"));

var area,perimeter;

var pi=3.14;

area=pi\*r\*r;

perimeter=2\*pi\*r;

document.write("Radius of Circle = "+r);

document.write("<br>Area of Circle = "+area);

document.write("<br>Perimeter of Circle = "+perimeter);

</script>

</body>

</html>

31. Write a Java Script program to display Greatest Number among Three Numbers

<html>

<head>

<title> greatest</title> </head>

<body>

<script>

var a=parseInt(prompt("enter a value "));

var b=parseInt(prompt("enter b value "));

var c=parseInt(prompt("enter c value "));

document.write("a=" + a + "<br>");

document.write("b=" + b + "<br>");

document.write("c=" + c + "<br>");

if(a>b&&a>c)

{

document.write("a is greatest");

}

else if(b>a&&b>c)

{

document.write("b is greatest");

}

else

{

document.write("c is greatest");

}

</script>

</body>

</html>

32 . Write a Java Script program to demonstrate Arithmetic Operations using Switch case

<html>

<head>

<title>arithmetic operations</title>

</head>

<body>

<script type="text/javascript">

var a = Number(prompt("Enter a value:"));

var b = Number(prompt("Enter b value:"));

var operation = prompt("Enter the operation (+, -, \*, /, %):");

var result;

switch(operation) {

case "+":

result = a + b;

break;

case "-":

result = a - b;

break;

case "\*":

result = a \* b;

break;

case "/":

result = a / b;

break;

case "%":

result = a % b;

break;

default:

result = "Error: invalid operator";

break;

}

document.write("Result: " + result);

</script>

</body>

</html>

33. Write a Java Script program to print Odd numbers using while loop.

<html>

<head>

<title> odd number</title>

</head>

<body>

<script type = "text/javascript">

var a=1;

while (a<=100){

document.write (" "+a);

a+=2;

}

</script>

</body>

</html

34. Write a Java Script program to demonstrate multiplication table

<html>

<head> <title> multiplication table </title>

</head>

<body>

<script type = "text/javascript">

var i;

var a=Number(prompt(" enter a value"));

for(i=1;i<=10;i++)

{

document.write(a + " \* " + i + " = " + (a \* i) + "<br>");

}

</script>

</body>

</html>

35. Write a Java Script program using any five events .

onclick event

<html>

<head>

<title> Javascript Events</title>

</head>

<body>

<h3> Click the button to display message </h3>

<script >

function display()

{

alert("Onclick Event");

}

</script>

<form>

<input type="submit" onclick="display()" value="Click Here">

</form>

</body>

</html>

onkeyup event

<!DOCTYPE html>

<html>

<head>

<title>onkeyup event</title>

</head>

<body>

<script>

function display()

{

alert("event activated when the user releases a key.");

}

</script>

<form>

Enter the text:

<input type="text" onkeyup= "display()">

</form>

</body>

</html>

onload event

<!DOCTYPE html>

<html>

<head>

<title> HTML onload event</title>

<script>

function display()

{

alert(" Onload event")

}

</script>

</head>

<body onload="display()">

<h2> Page Loaded successfully </h2>

</body>

</html>

onmouseup and onmousedown event

<!DOCTYPE html>

<html>

<head>

<title> onmousedown and up attribute</title>

</head>

<body>

<p onmousedown="mouseDown(this)" onmouseup="mouseUp(this)">

Click Here to check onmousedown Event.<br>

<script>

function mouseDown(obj)

{

obj.style.color = "red";

}

function mouseUp(obj)

{

obj.style.color = "blue";

}

</script>

</body>

</html>

onresize event

<!DOCTYPE html>

<html>

<head>

<title> onresize event</title>

<script>

function display()

{

alert ("You have changed the size of thewindow!");

}

</script>

</head>

<body onresize="display()">

<p>Try to resize the browser window</p >

</body>

</html>

36. Write a Java Script program to print N-natural numbers using For loop.

<html>

<head> <title> natural numbers </title> </head>

<body>

<script type = "text/javascript">

var i=0;

var a =prompt("enter a number")

for (i=0;i<=a;i++)

{

document.write(i+ "<br>");

}

</script>

</body>

</html>

37. Write a Java Script program to print Factorial of a given number .

<html>

<head>

<title>Factorial</title>

</head>

<body>

<script type="text/javascript">

var n = prompt("Enter the number to get factorial of: ");

var result = n;

for(var i=1;i<n;i++)

{

result = i \* result;

}

document.write("<h1>Factorial of "+n+" is "+result +"</h1>");

</script>

</body>

</html>

38 Write a Java Script program to demonstrate Arrays

<HTML>

<HEAD>

<TITLE>Array Functions</TITLE>

</HEAD>

<BODY>

<SCRIPT type="text/javascript">

myarray1=new Array("Sunday", "Monday", "Tuesday","Wednesday","Thursday");

myarray2=new Array(1,2,3,4,5);

document.write("Array 1 : "+myarray1+"<BR/>")

document.write("Array 2 : "+myarray2+"<BR/>")

document.write("Concatenated two arrays : "+myarray1.concat(myarray2+"<BR/>"))

document.write("Joined two arrays : "+myarray1.join(myarray2)+"<BR/>")

document.write("Array 1 pop out : "+myarray1.pop()+"<BR/>")

document.write("Reversed array 1: "+myarray1.reverse()+"<BR/>")

document.write("Shifted array 1 : "+myarray1.shift()+"<BR/>")

document.write("Sorted array 1 : "+myarray1.sort()+"<BR/>")

document.write("Array 2 in string format "+myarray2.toString()+"<BR/>")

</SCRIPT>

</BODY>

</HTML>

39. Write a Java Script program to demonstrate String manipulating functions.

<HTML>

<HEAD>

<TITLE>Different String Functions</TITLE>

</HEAD>

<BODY>

<SCRIPT type="text/javascript">

var mystring="Twinke Twinkle Little Star";

document.write("String: "+mystring+"<BR/>");

document.write("Length: "+mystring.length+"<BR/>");

document.write("Bold text: "+mystring.bold()+"<BR/>");

document.write("Uppercase text: "+mystring.toUpperCase()+"<BR/>");

document.write("Big text: "+mystring.big()+"<BR/>");

document.write("Lowercase text: "+mystring.toLowerCase()+"<BR/>");

document.write("Strike text: "+mystring.strike()+"<BR/>");

document.write("Small text: "+mystring.small()+"<BR/>");

document.write("Substring after 8 characters: "+mystring.substring(8) + "<BR/>")

document.write("Splitted text: "+mystring.split('Twinkle') + "<BR/>")

document.write("Index of text: "+mystring.indexOf('Twinkle') + "<BR/>")

document.write("Character at 8th position: "+mystring.charAt(8) + "<BR/>")

document.write("Blinking text: "+mystring.blink() + "<BR/>")

</SCRIPT>

</BODY>

</HTML>

40 . Write a Java Script program to demonstrate Math objects

<html>

<head>

<title>MATH OBJECTS</title>

</head>

<body>

<script>

document.write("Round:" +Math.round(4.7)+ "<br>");

document.write("Power:" +Math.pow(4,2)+ "<br>");

document.write("Sqrt:" +Math.sqrt(64)+ "<br>");

document.write("Ceil:" +Math.ceil(4.4)+ "<br>");

document.write("Floor:" +Math.floor(4.7)+ "<br>");

document.write("Absolute:" +Math.abs(-4.7)+ "<br>");

document.write("Random:" +Math.random()+ "<br>");

document.write("Min:" +Math.min(4,7,5,3,2)+ "<br>");

document.write("Max:" +Math.max(4,7,5,3,2)+ "<br>");

</script>

</body>

</html>

41. Create a Web page with an image, when the mouse is doubled clicked new image should replace the existing.

<html>

<head>

<title>Double Click to Change Image</title>

</head>

<body>

<h1>Double click on the image to change it</h1>

<img id="image" src="download.webp" alt="initial image">

<script>

function changeImage() {

const image = document.getElementById("image");

const currentSrc = image.src;

if (currentSrc.includes("download.webp")) {

image.src = "z900.jpg";

} else {

image.src = "C:/Users/LAB2\_SYS/Pictures/download.webp";

}

}

document.getElementById("image").addEventListener("dblclick", changeImage);

</script>

</body>

</html>

42. Create a Web page and apply mouse effects to change text color, size, family etc on the text

<html>

<head>

<title>Change Text Properties</title>

</head>

<body>

<p id="new">This is a paragraph</p>

<button type="button" onclick="fontcolor()">Change Font Color</button>

<button type="button" onclick="fontfamily()">Change Font Family</button>

<button type="button" onclick="fontsize()">Change Font Size</button>

<script type="text/javascript">

// Function to change font color

function fontcolor() {

var x = document.getElementById("new");

x.style.color = "blue";

}

// Function to change font family

function fontfamily() {

var x = document.getElementById("new");

x.style.fontFamily = "Arial, sans-serif"; // You can change to any font

}

// Function to change font size

function fontsize() {

var x = document.getElementById("new");

x.style.fontSize = "30px"; // Change the font size to 30px

}

</script>

</body>

</html>

43. Create a Web page which displays a line of text, when you click on the text a new line of text should overwrite the existing text.

<html>

<head>

<title>reset</title>

</head>

<body>

<p id="new">This is a paragraph</p>

<button type="button" onclick="changetext()">Change text</button>

<script type="text/javascript">

function changetext()

{

document.getElementById("new").innerHTML="the original message is changed.";

}

</script>

</body>

</html>

44. Create a program on the event onkeypress.

<html>

<head>

<title>key events</title>

<script type="text/javascript">

function keyDown()

{

alert("key pressed");

}

function keyUp()

{

alert("key released");

}

function keyPress()

{

alert("key pressed and released");

}

</script>

</head>

<body>

on key Down:<input type="text" onKeyDown="keyDown()"><br>

on key Up:<input type="text" onKeyUp="keyUp()"><br>

on key Press:<input type="text" onKeyPress="keyPress()"><br>

</body>

</html>

45. Create a program on the event onreset

<html>

<head>

<title>Dom</title>

<script type="text/javascript">

function funreset()

{

alert("Defaults have been restored");

}

function funselect()

{

alert("select and copy not allowed");

}

</script>

</head>

<body>

<form name="form1" onReset="funreset()">

country:<input type="text" name="name" value="india" size="10" onSelect="funselect()"><br><br>

<input type="reset" value="clear form" name="reset1"><br>

</form>

</body>

</html>

46 . Create a XML document for employee database with 10 records and 5 columns in each record.

<?xml version="1.0" encoding="UTF-8"?>

<EmployeeDatabase>

<Employee>

<ID>1</ID>

<Name>John Doe</Name>

<Position>Software Engineer</Position>

<Department>IT</Department>

<Salary>75000</Salary>

</Employee>

<Employee>

<ID>2</ID>

<Name>Jane Smith</Name>

<Position>Marketing Manager</Position>

<Department>Marketing</Department>

<Salary>65000</Salary>

</Employee>

<Employee>

<ID>3</ID>

<Name>Michael Johnson</Name>

<Position>HR Specialist</Position>

<Department>Human Resources</Department>

<Salary>55000</Salary>

</Employee>

<Employee>

<ID>4</ID>

<Name>Emily Davis</Name>

<Position>Graphic Designer</Position>

<Department>Design</Department>

<Salary>60000</Salary>

</Employee>

<Employee>

<ID>5</ID>

<Name>Chris Brown</Name>

<Position>Product Manager</Position>

<Department>Product</Department>

<Salary>80000</Salary>

</Employee>

<Employee>

<ID>6</ID>

<Name>Amy Wilson</Name>

<Position>Sales Representative</Position>

<Department>Sales</Department>

<Salary>55000</Salary>

</Employee>

<Employee>

<ID>7</ID>

<Name>David Lee</Name>

<Position>Systems Analyst</Position>

<Department>IT</Department>

<Salary>70000</Salary>

</Employee>

<Employee>

<ID>8</ID>

<Name>Linda White</Name>

<Position>Operations Manager</Position>

<Department>Operations</Department>

<Salary>75000</Salary>

</Employee>

<Employee>

<ID>9</ID>

<Name>James Taylor</Name>

<Position>Accountant</Position>

<Department>Finance</Department>

<Salary>60000</Salary>

</Employee>

<Employee>

<ID>10</ID>

<Name>Mary Harris</Name>

<Position>Customer Support</Position>

<Department>Support</Department>

<Salary>45000</Salary>

</Employee>

</EmployeeDatabase>

47 Create a XML document for student database and apply the style sheet effects

student-47.css

rollno

{

display:block;

width: 50%;

background-color: red;

color: blue;

text-align: center;

font-weight: bold;

}

31

studentname

{

display:block;

width: 50%;

color:green;

text-align: center;

font-weight: bold;

}

course

{

display:block;

width: 50%;

color:blue;

text-align: center;

font-weight: bold;

background-color: lightgray;

}

Web-Prog-47.html

<?xml version="1.0"?>

<?xml-stylesheet type="text/css" href="student-47.css"?>

<students>

<student>

<rollno>1001</rollno>

<studentname>Anil</studentname>

<course>BCom</course>

</student>

<student>

<rollno>1002</rollno>

<studentname>Mahesh</studentname>

<course>BCom</course>

</student>

<student>

<rollno>1003</rollno>

<studentname>Srinivas</studentname>

<course>BCom</course>

</student>

</students>

48. Create a XML document with simple links

<?xml version="1.0" encoding="UTF-8"?>

<homepages xmlns:xlink="http://www.w3.org/1999/xlink">

<homepage xlink:type="simple" xlink:href="https://www.w3schools.com">

Visit W3Schools

</homepage>

<homepage xlink:type="simple" xlink:href="http://www.w3.org">

Visit W3C

</homepage>

</homepages>

49. Create a XML document for the Marketing department of an organization and

apply style effects

sales-49.css

PRODUCTNAME

{

display: block;

width: 50%;

background-color: orange;

color: blue;

text-align: center;

font-weight: bold;

font-size: 35px;

}

QUANTITY

{

display:block;

width: 50%;

background-color: yellow;

color:green;

text-align: center;

font-weight: bold;

font-size: 30px;

}

PRICE

{

display:block;

width: 50%;

color:blue;

text-align: center;

font-weight: bold;

background-color: lightgray;

font-size: 20px;

}

Web-Prog-49.html

<?xml version="1.0"?>

<?xml-stylesheet type="text/css" href="sales-49.css"?>

<SALESDATA>

<SALES>

<PRODUCTNAME>i-Phone 5S</PRODUCTNAME>

<QUANTITY>200</QUANTITY>

<PRICE>35000</PRICE>

</SALES>

<SALES>

<PRODUCTNAME>i-Phone 6S</PRODUCTNAME>

<QUANTITY>100</QUANTITY>

<PRICE>45000</PRICE>

</SALES>

<SALES>

<PRODUCTNAME>i-Phone 7S</PRODUCTNAME>

<QUANTITY>150</QUANTITY>

<PRICE>48000</PRICE>

</SALES>

</SALESDATA>

50. Create a program on XML Document Object Model

Web-Prog-50.xml

<?xml version="1.0"?>

<bookstore>

<book category="excel">

<title>Excel Foundation</title>

<author>abc</author>

<year>2019</year>

<price>150</price>

</book>

<book category="web">

<title>Web Technology</title>

<author>xyz</author>

<year>2019</year>

<price>175</price>

</book>

</bookstore>

Web-Prog-50.html

<html>

<head>

<title>XML Document Object Model</title>

<meta http-equiv="X-UA-Compatible" content="IE=EmulateIE9">

</head>

<body>

<xml id="bookstore" src="Web-Prog-50.xml"></xml>

<table width="50%" cellspacing="2" border="1" datasrc="#bookstore"

datapagesize="10">

<thead>

<tr>

<th>Title</th>

<th>Author</th>

<th>Year</th>

<th>Price</th>

</tr>

</thead>

<tbody>

<tr>

<td align="center">

<span datafld="title"></span>

</td>

<td align="center">

<span datafld="author"></span>

</td>

<td align="center">

<span datafld="year"></span>

</td>

<td align="center">

<span datafld="price"></span>

</td>

</tr>

</tbody>

</table>

</body>

</html>