MODULE-4 (HTML5)

1. How to create an area inside an image-map?

Ans:

2. How to isolate a part of the text that might be formatted in a different direction fromother text outside it?

Ans:

3. How to specify the column properties of each column within a colgroup element?Ans:

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Eletric city Bill</title>

<style>

#main1{

background-color: aqua;

color: black;

}

#main2{

background-color: silver;

color: navy;

}

#main3{

background-color: aquamarine;

color: crimson;

}

#main4{

background-color: purple;

color: whitesmoke;

}

#main5{

background-color: chartreuse;

color: firebrick;

}

#main6{

background-color: indigo;

color: lightgoldenrodyellow;

}

#main7{

background-color: orange;

color: blue;

}

#main8{

background-color: darkgreen;

color: gold;

}

#main9{

background-color: indianred;

color:blue;

}

#main10{

background-color: yellow;

color: firebrick;

}

#main11{

background-color: orchid;

color:black;

}

#main12{

background-color: chocolate;

color: darkblue;

}

#main13{

background-color: darkslategray;

color: greenyellow;

}

#main14{

background-color: mediumvioletred;

color: midnightblue;

}

#main15{

background-color: teal;

color: black;

}

#main16{

background-color: cornflowerblue;

color: crimson;

}

#main17{

background-color: firebrick;

color: lime;

}

#main18{

background-color: navy;

color: silver;

}

#main19{

background-color: springgreen;

color: darkred;

}

#main20{

background-color: darkviolet;

color: maroon;

}

#main21{

background-color: midnightblue;

color: orchid;

}

#main22{

background-color: aquamarine;

color: firebrick;

}

#main23{

background-color: greenyellow;

color: midnightblue;

}

</style>

</head>

<body>

<!--

<table> = To create a table

<tr> = table row

<th> = table head

<td> = table cell/table column

<br> = Break Paragraph

<b> = Bold tax

-->

<table align="center" border="2" cellspacing="0" cellpadding="8">

<tr align="center">

<td id="main1" colspan="10">

<br><b> Table A(2b)</b></br>

<br><b>Attributable Ownership Interest by Ethnicity</b></br>

<br>Stations with One or More Attributable Persons</br>

<br><b>Full Power Commercial Television Stations-2013</b></br>

</td>

</tr>

<tr id="main2" align="center">

<th rowspan="3" colspan="2">Ethnicity</th>

<th id="main3"colspan="8">No. of Station and Percent of Total</th>

</tr>

<tr id="main4" align="center">

<th colspan="2">Nationally</th>

<td colspan="2">Nielsen

<br> DMA 1-50</br>

</td>

<td colspan="2">DMA

<br>51-100</br>

</td>

<td colspan="2">DMA

<br>101+</br>

</td>

</tr>

<tr id="main5" align="center">

<th><b>No.</b></th>

<th><b>%</b></th>

<th>No.</th>

<th>%</th>

<th>No.</th>

<th>%</th>

<th>No.</th>

<th>%</th>

</tr>

<tr id="main6" align="left">

<th id="main7" rowspan="3">Hispanic or Latino</th>

<td rowspan="3">

<br>Female</br>

<br>Male</br>

<br><b>Total</br></b>

</td>

<td id="main8" align="right">96</td>

<td id="main8" align="right">7.7</td>

<td id="main8" align="right">69</td>

<td id="main8" align="right">14.8</td>

<td id="main8" align="right">9</td>

<td id="main8" align="right">2.7</td>

<td id="main8" align="right">18</td>

<td id="main8" align="right">4.1</td>

</tr>

<tr id="main9" align="right">

<td>274</td>

<td>22.1</td>

<td>153</td>

<td>32.9</td>

<td>56</td>

<td>17.0</td>

<td>65</td>

<td>14.6</td>

</tr>

<tr id="main10" align="right">

<td><b>322</td></b>

<td><b>26.0</td></b>

<td>189</td>

<td>40.6</td>

<td>64</td>

<td>19.4</td>

<td>69</td>

<td>15.5</td>

</tr>

<th id="main11" rowspan="3">Non-Hispanic or Latino</th>

<td id="main12" rowspan="3">

<br>Female</br>

<br>Male</br>

<br><b>Total</b></br>

</td>

<td id="main13" align="right">984</td>

<td id="main13" align="right">79.4</td>

<td id="main13" align="right">404</td>

<td id="main13" align="right">86.9</td>

<td id="main13" align="right">273</td>

<td id="main13" align="right">82.7</td>

<td id="main13" align="right">307</td>

<td id="main13" align="right">69.1</td>

</tr>

<tr id="main14" align="right">

<td>1,201</td>

<td>96.9</td>

<td>458</td>

<td>98.5</td>

<td>327</td>

<td>99.1</td>

<td>416</td>

<td>93.7</td>

</tr>

<tr id="main15" align="right">

<td><b>1,210</b></td>

<td><b>97.7</b></td>

<td>460</td>

<td>98.9</td>

<td>329</td>

<td>99.7</td>

<td>423</td>

<td>94.8</td>

</tr>

<tr id="main16" align="right">

<th id="main17" align="left" colspan="2">Total Stations</th>

<td><b>1,239</b></td>

<td><b>100%</b></td>

<td>465</td>

<td>100%</td>

<td>330</td>

<td>100%</td>

<td>444</td>

<td>100%</td>

</tr>

<tr id="main18" align="right">

<th id="main19" align="left" colspan="2">Insufficient data</th>

<td><b>147</b></td>

<td><b>---</b></td>

<td>75</td>

<td>---</td>

<td>30</td>

<td>---</td>

<td>42</td>

<td>---</td>

</tr>

<tr id="main20" align="right">

<th id="main21" align="left" colspan="2">Stations not filed</th>

<td><b>1</b></td>

<td><b>---</b></td>

<td>0</td>

<td>---</td>

<td>0</td>

<td>---</td>

<td>1</td>

<td>---</td>

</tr>

<tr id="main22" align="right">

<th id="main23" align="left" colspan="2">All licensed stations</th>

<td><b>1,387</b></td>

<td><b>---</b></td>

<td>540</td>

<td>---</td>

<td>360</td>

<td>---</td>

<td>487</td>

<td>---</td>

</tr>

</table>

</body>

</html>

4. How to define a container for an external (non-HTML) application?Ans:

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<title>Embed element</title>

</head>

<body>

<embed type="video/mp4" src="https://youtu.be/GrpaBk-qHGo">

</body>

</html>

5. How to define an alternate content for users that do notsupport client-side scripts?Ans: we define an alternate content for users that do not support client-side scripts by using <noscript> tag in the HTML document. It is used to display the text for those browsers that does not support script tag or the browsers disable the script for the user.

<!DOCTYPE html>

<html>

<head>

<style>

body {

text-align: center;

}

.gfg {

font-size: 40px;

font-weight: bold;

color: green;

}

.geeks {

font-size: 25px;

font-weight: bold;

}

</style>

<noscript>

Sorry, your browser does

not support JavaScript!

</noscript>

</head>

<body>

<div class="gfg">

GeeksforGeeks

</div>

<div class="geeks">

How to define an alternate content

for users that do not support

client-side scripts?

</div>

<script>

document.write("GeeksforGeeks!")

</script>

</body>

</html>

6. How to define an option in a drop-down list?

Ans: <!DOCTYPE html>

<html>

<head>

<title>HTML option Tag</title>

</head>

<body>

<td>Date Of Birth:</td>

<td>

<select>

<option>---Month---</option>

<option>JAN</option>

<option>FEB</option>

<option>MAR</option>

<option>APR</option>

<option>MAY</option>

<option>JUN</option>

<option>JUL</option>

<option>AUG</option>

<option>SEP</option>

<option>OCT</option>

<option>NOV</option>

<option>DEC</option>

</select>

<select>

<option>---Day---</option>

<option>01</option>

<option>02</option>

<option>03</option>

<option>04</option>

<option>05</option>

<option>06</option>

<option>07</option>

<option>08</option>

<option>09</option>

<option>10</option>

<option>11</option>

<option>12</option>

<option>13</option>

<option>14</option>

<option>15</option>

<option>16</option>

<option>17</option>

<option>18</option>

<option>19</option>

<option>20</option>

<option>21</option>

<option>22</option>

<option>23</option>

<option>24</option>

<option>25</option>

<option>26</option>

<option>27</option>

<option>28</option>

<option>29</option>

<option>30</option>

<option>31</option>

</select>

<select>

<option>---Year---</option>

<option>2021</option>

<option>2020</option>

<option>2019</option>

<option>2018</option>

<option>2017</option>

<option>2016</option>

<option>2015</option>

<option>2014</option>

<option>2013</option>

<option>2012</option>

<option>2011</option>

<option>2010</option>

<option>2009</option>

<option>2008</option>

<option>2007</option>

<option>2006</option>

<option>2005</option>

<option>2004</option>

<option>2003</option>

<option>2002</option>

<option>2001</option>

<option>2000</option>

</select>

</td>

<input type = "submit" value = "Submit" />

</body>

</html>

7. How to underline a text in an HTML document?Ans: <!DOCTYPE html>

<html>

<head>

<title>HTML u tag</title>

</head>

<body>

<h1>Heading</h1>

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

</body>

</html>

8. Create JavaScript for display alert on Page Load

Ans: <!DOCTYPE html>

<html>

<head>

<title>Alert Popup</title>

<script>

function tops()

{

alert('This is a alert popup');

window.location="confirm.html";

}

</script>

</head>

<body>

<input type="submit" value="alert box" onclick="tops">

</body>

</html>

9. Implement Event: OnClick,OnMouseOut,OnmouseHoverAns:

Onclick

<!DOCTYPE html>

<html>

<body>

<h1>The onclick Event</h1>

<button onclick="myFunction()">Click here</button>

<p id="test"></p>

<script>

function myFunction() {

document.getElementById("test").innerHTML = "Hello World";

}

</script>

</body>

</html>

OnMouseOut

<!DOCTYPE html>

<html>

<body>

<h1 id="test">Mouse over</h1>

<script>

document.getElementById("test").onmouseover = function() {mouseOver()};

function mouseOver() {

document.getElementById("test").style.color = "blue";

}

</script>

</body>

</html>

10. Write JavaScript to change image source on button click event.

Ans: <!DOCTYPE html>

<html>

<body>

<button onclick="document.getElementById('image1').src='pic\_bulbon.gif'">Turn on the light</button>

<img id="image1" src="pic\_bulboff.gif" style="width:100px">

<button onclick="document.getElementById('image1').src='pic\_bulboff.gif'">Turn off the light</button>

</body>

</html>

11. Arithmetic Operation using Javascript.

Ans: <!DOCTYPE html>

<html lang="en">

<head>

<title>Document</title>

<script>

function callbybutton()

{

var a=document.getElementById('value1').value;

var b=document.getElementById('value2').value;

var sum=+a + +b;

var multi=a\*b;

var div=a/b;

var min=a-b;

document.getElementById('test1').innerHTML=sum;

document.getElementById('test2').innerHTML=multi;

document.getElementById('test3').innerHTML=div;

document.getElementById('test4').innerHTML=min;

}

</script>

</head>

<body>

<input type="text" id="value1"><br>

<input type="text" id="value2"><br>

<input type="submit" onclick="callbybutton()"><br>

<p>Sum of above values: <span id="test1"></span></p>

<p>Multiplication of above values: <span id="test2"></span></p>

<p>Division of above values: <span id="test3"></span></p>

<p>Minus of above values: <span id="test4"></span></p>

</body>

</html>