**DAY 3-HTML Explanation(Table)**

https://lh6.googleusercontent.com/pzfkpYzj_xNKuCIRaMdGOcJRGHimowNa5u7Ned4rI9rrL8AGediPxVgoTzYM65B3F7T2wKnzzs4NN42aMrsGf_ZZvSDkx9V2RHZ5SJ6YjjldEA7E9x9SwUSXZmLWBKV9rfHuNRbkG3bXpFexSg

**Refresh Yesterday’s Class-10 Minutes**

1. Which of the following is used to Sets the list item marker to a circle?
2. <ol style="list-style-type: circle">
3. <ol type="circle">
4. <ul style="list-style-type: circle">
5. <ul type="circle">

Ans: c

1. Which of the following is used to display large text?
2. <big>Text</big>
3. <large>Text</large>
4. <large>Text<large>
5. <abbr>Text</abbr>

Ans: a

1. Add the line of code that this html file is missing.

<!DOCTYPE html>

<html>

<head>

<title>Address Example</title>

</head>

<body>

<address>ComputingKids, Bothell, WA,98021

</body>

</html>

Ans: </address>

**HTML TABLES-Explain with Example -Lecture-10 Minutes**

* The HTML tables allow web authors to arrange data like text, images, links, other tables, etc. into rows and columns of cells.
* The HTML tables are created using the **<table>** tag in which the **<tr>** tag is used to create table rows and **<td>** tag is used to create data cells.

<table border="1">

<tr>

<td>Row 1, Column 1</td>

<td>Row 1, Column 2</td>

</tr>

<tr>

<td>Row 2, Column 1</td>

<td>Row 2, Column 2</td>

</tr>

</table>

* Here **border** is an attribute of <table> tag and it is used to put a border across all the cells. If you do not need a border then you can use border="0".

**Table Heading**

* Table heading can be defined using **<th>** tag. This tag will be put to replace <td> tag, which is used to represent actual data cell. Normally you will put your top row as table heading as shown below, otherwise you can use <th> element in any row.

<tr>

<th>Name</th>

<th>Salary</th>

</tr>

**Activity-20 Minutes**

<!DOCTYPE html>

<html>

<head>

<title>HTML Tables</title>

</head>

<body>

<table border="1">

<tr>

<td>Row 1, Column 1</td>

<td>Row 1, Column 2</td>

</tr>

<tr>

<td>Row 2, Column 1</td>

<td>Row 2, Column 2</td>

</tr>

</table>

</body>

</html>

output

|  |  |
| --- | --- |
| Row 1, Column 1 | Row 1, Column 2 |
| Row 2, Column 1 | Row 2, Column 2 |

<!DOCTYPE html>

<html>

<head>

<title>HTML Table Header</title>

</head>

<body>

<table border="1">

<tr>

<th>Name</th>

<th>Salary</th>

</tr>

<tr>

<td>Priya</td>

<td>5000</td>

</tr>

<tr>

<td>Eva</td>

<td>7000</td>

</tr>

</table>

</body>

</html>

output

|  |  |
| --- | --- |
| **Name** | **Salary** |
| Priya | 5000 |
| Eva | 7000 |

**Lecture -20 Minutes**

## Cellpadding and Cellspacing Attributes

There are two attributes called *cell-padding* and *cell-spacing* which you will use to adjust the white space in your table cells. The cell-spacing attribute defines the width of the border, while cell-padding represents the distance between cell borders and the content within a cell.

<table border="1" cellpadding="5" cellspacing="5">

## Colspan and Rowspan Attributes

You will use **colspan** attribute if you want to merge two or more columns into a single column. Similar way you will use **rowspan** if you want to merge two or more rows.

<tr>

<td rowspan="2">Row 1 Cell 1</td>

<td>Row 1 Cell 2</td>

<td>Row 1 Cell 3</td>

</tr>

<tr>

<td>Row 2 Cell 2</td>

<td>Row 2 Cell 3</td>

</tr>

<tr>

<td colspan="3">Row 3 Cell 1</td>

</tr>

## Tables Backgrounds

You can set table background using one of the following two ways:

* **bgcolor** attribute - You can set background color for whole table or just for one cell.
* **background** attribute - You can set background image for whole table or just for one cell.
* You can also set border color also using **bordercolor** attribute.

<table border="1" bordercolor="green" bgcolor="yellow">

<table border="1" bordercolor="green" background="ComputingKids.png">

## Table Height and Width

You can set a table width and height using **width** and **height** attrubutes. You can specify table width or height in terms of pixels or in terms of percentage of available screen area.

<table border="1" width="400" height="150">

## Table Caption

The **caption** tag will serve as a title or explanation for the table and it shows up at the top of the table. This tag is deprecated in newer version of HTML/XHTML.

<table border="1" width="100%">

<caption>This is the caption</caption>

<tr>

**Activity based on above Lecture-45 Minutes**

## Cellpadding and Cellspacing Attributes

<!DOCTYPE html>

<html>

<head>

<title>HTML Table Cellpadding</title>

</head>

<body>

<table border="1" cellpadding="5" cellspacing="5">

<tr>

<th>Name</th>

<th>Salary</th>

</tr>

<tr>

<td>Priya</td>

<td>5000</td>

</tr>

<tr>

<td>Eva</td>

<td>7000</td>

</tr>

</table>

</body>

</html>

## Colspan and Rowspan Attributes

<!DOCTYPE html>

<html>

<head>

<title>HTML Table Background</title>

</head>

<body>

<table border="1" bordercolor="green" background="ComputingKids.png">

<caption>This is the caption</caption>

<tr>

<th>Column 1</th>

<th>Column 2</th>

<th>Column 3</th>

</tr>

<tr><td rowspan="2">Row 1 Cell 1</td><td>Row 1 Cell 2</td><td>Row 1 Cell 3</td></tr>

<tr><td>Row 2 Cell 2</td><td>Row 2 Cell 3</td></tr>

<tr><td colspan="3">Row 3 Cell 1</td></tr>

</table>

</body>

</html>

**Assignment (First Day’s Continuation)-45 Minutes**

[Home](file:///D:\Priya_ComputingKids_Workspace\Curriculum%20Development%20HTML,CSS%20&%20JavaScript\Home.html)|[Contact](file:///D:\Priya_ComputingKids_Workspace\Curriculum%20Development%20HTML,CSS%20&%20JavaScript\Contact.html)|[About](file:///D:\Priya_ComputingKids_Workspace\Curriculum%20Development%20HTML,CSS%20&%20JavaScript\About.html)

**Home Page**

****

[Home](file:///D:\Priya_ComputingKids_Workspace\Curriculum%20Development%20HTML,CSS%20&%20JavaScript\Home.html)|[Contact](file:///D:\Priya_ComputingKids_Workspace\Curriculum%20Development%20HTML,CSS%20&%20JavaScript\Contact.htm)|[About](file:///D:\Priya_ComputingKids_Workspace\Curriculum%20Development%20HTML,CSS%20&%20JavaScript\About.html)

**Contact Details**

|  |  |  |
| --- | --- | --- |
| **Name** | **Address** | **Contact** |
| Contact Person Name | Address | Contact# 1 |
| Contact# 2 |
| [Company Details](file:///D:\Priya_ComputingKids_Workspace\Curriculum%20Development%20HTML,CSS%20&%20JavaScript\About.html) | | |

**While Clicking on Company Details Link->Go to “About.html” page.**

[Home](file:///D:\Priya_ComputingKids_Workspace\Curriculum%20Development%20HTML,CSS%20&%20JavaScript\Home.html)|[Contact](file:///D:\Priya_ComputingKids_Workspace\Curriculum%20Development%20HTML,CSS%20&%20JavaScript\Contact.html)|[About](file:///D:\Priya_ComputingKids_Workspace\Curriculum%20Development%20HTML,CSS%20&%20JavaScript\About.html)

**About Us**

What is Computing Kids?

Computing Kids is an educational enrichment program for children in grades K-8 in the Seattle and Eastside area.  
We partner with schools, community groups, and parents to bring computer programming classes to kids in a variety of settings.

**Contact.html**

<!DOCTYPE html>

<html>

<body>

<a href="Home.html">Home</a>|<a href="Contact.htm">Contact</a>|<a href="About.html">About</a>

<h1>Contact Details</h1>

<table border="1" bordercolor="green" bgcolor="yellow">

<tr>

<th>Name</th>

<th>Address</th>

<th>Contact</th>

</tr>

<tr>

<td rowspan="2">Contact Person Name</td>

<td rowspan="2">Address</td>

<td>Contact# 1</td>

</tr>

<tr>

<td>Contact# 2</td>

</tr>

<tr>

<td colspan="3"><a href="About.html">Company Details</a></td>

</tr>

</table>

</body>

</html>

**Revise Today’s Class-10 Minutes**