**HTML Day2 – Demo Code:**

**Tables and Lists:**

**HTML Table:**

HTML tables allow web developers to arrange data into rows and columns.

Each table row starts with a <tr> and end with a </tr> tag.

tr - stands for table row.

Each table cell is defined by a <td> and a </td> tag.

td - stands for table data.

**Note:** table data elements are the data containers of the table.  
They can contain all sorts of HTML elements; text, images, lists, other tables, etc.

Sometimes you want your cells to be headers, in those cases use the <th> tag instead of the <td> tag:

|  |  |
| --- | --- |
| Tag | Description |
| [<table>](https://www.w3schools.com/tags/tag_table.asp) | Defines a table |
| [<th>](https://www.w3schools.com/tags/tag_th.asp) | Defines a header cell in a table |
| [<tr>](https://www.w3schools.com/tags/tag_tr.asp) | Defines a row in a table |
| [<td>](https://www.w3schools.com/tags/tag_td.asp) | Defines a cell in a table |
| [<caption>](https://www.w3schools.com/tags/tag_caption.asp) | Defines a table caption |
| [<colgroup>](https://www.w3schools.com/tags/tag_colgroup.asp) | Specifies a group of one or more columns in a table for formatting |
| [<col>](https://www.w3schools.com/tags/tag_col.asp) | Specifies column properties for each column within a <colgroup> element |
| [<thead>](https://www.w3schools.com/tags/tag_thead.asp) | Groups the header content in a table |
| [<tbody>](https://www.w3schools.com/tags/tag_tbody.asp) | Groups the body content in a table |
| [<tfoot>](https://www.w3schools.com/tags/tag_tfoot.asp) | Groups the footer content in a table. |

<!DocType html>

<html>

<head>

</head>

<table>

</table>

</html>

Row Span Examples:

<table>

<tr>

<th>Name</th>

<th>Subject</th>

<th>Marks</th>

</tr>

<tr>

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

<td>Advanced Web</td>

<td>75</td>

</tr>

<tr>

<td>Operating Syatem</td>

<td>60</td>

</tr>

<tr>

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

<td>Advanced Web</td>

<td>80</td>

</tr>

<tr>

<td>Operating Syatem</td>

<td>75</td>

</tr>

<tr>

<td></td>

<td colspan="3">Total Average: 72.5</td>

</tr>

</table>

|  |  |  |
| --- | --- | --- |
| **NAME** | **SUBJECT** | **MARKS** |
| Hillary | Advanced Web | 75 |
| Operating System | 60 |
| Lary | Advanced Web | 80 |
| Operating System | 75 |
|  | Total Average: 72.5 | |

**Col Span Example:**

<table>

<thead>

<tr>

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

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

</tr>

</thead>

<tbody>

<tr>

<td>Sales</td>

<td>Profit</td>

<td>Sales</td>

<td>Profit</td>

</tr>

<tr>

<td>$200,00</td>

<td>$50,00</td>

<td>$300,000</td>

<td>$70,000</td>

</tr>

</tbody>

<tfoot>

<tr>

<th colspan= "4">November was more produstive</th>

</tr>

</tfoot>

</table>

HTML Lists:

1. **Ordered List:**

Example:

<!DOCTYPE html>

<html>

<body>

<h2>Ordered List with Numbers</h2>

<ol type="A">

<li>Coffee</li>

<li>Tea</li>

<li>Milk</li>

</ol>

</body>

</html>

1. **Unordered List:**

<!DOCTYPE html>

<html>

<body>

<h2>An unordered HTML list</h2>

<ul>

<li>Coffee</li>

<li>Tea</li>

<li>Milk</li>

</ul>

</body>

</html>

**HTML Description List:**

A description list is a list of terms, with a description of each term.

The [<dl>](https://www.w3schools.com/tags/tag_dl.asp) tag defines the description list, the [<dt>](https://www.w3schools.com/tags/tag_dt.asp) tag defines the term (name), and the [<dd>](https://www.w3schools.com/tags/tag_dd.asp) tag describes each term:

<!DOCTYPE html>

<html>

<body>

<h2>A Description List</h2>

<dl>

<dt>Coffee</dt>

<dd>- black hot drink</dd>

<dt>Milk</dt>

<dd>- white cold drink</dd>

</dl>

</body>

</html>