**HTML Tables:**

* A table in HTML refers to the arrangement of data in rows and columns.
* Table tag in HTML, is used to display data in tabular format (i.e. in row-column format). These table tags manage the layout of the page (i.e. Header, Body Content etc.).
* The HTML table is created by using the <table> tag.
* The <tr> tag defines each row in the table .
* The <th> tag defines the table header.
* The <td> tag defines each table data/cell.
* Tables without proper cellspacing and cellpadding are difficult to read. We can adjust the cell spaces with cellpadding and cellspacing attributes.
* The cellspacing attribute defines space between table cells.
* The cellpadding denotes the distance between cell borders and the content inside the cells.
* users may need to join two or more rows or columns to add sub-data inside a row or a column. To do this, colspan and rowspan attributes are used.
* The colspan attribute is used to join two or more columns into a single column.
* The rowspan attribute is used to join two or more rows into a single row.
* The caption attribute is used to add a caption/title to the table
* The border attribute is used to set the table border to each and every cell.
* The bgcolor Attribute Used to set background color for the whole table or just for one cell.
* The background Attribute Used to set the background image for the entire table or for just one cell.
* The bordercolor Attribute Used to set the border color of the table
* The height and width attributes are used to set the table height and width in terms of pixels or percentage of available.
* thead, tfoot and tbody allow you to separate the table into header, footer and body, which can be handy when dealing with larger tables.
* colgroup elements are children of table elements and should only ever appear after a caption element, if such an element is used. Often used in conjunction with col.

Example1:

Demo.html

<!DOCTYPE html>

<html lang="en">

<head>

    <title>html table example</title>

</head>

<body>

    <table>

        <tr>

            <th>Eid</th>

            <th>Ename</th>

            <th>Esal</th>

            <th>Dno</th>

        </tr>

        <tr>

            <td>101</td>

            <td>siva</td>

            <td>3000</td>

            <td>10</td>

        </tr>

        <tr>

            <td>102</td>

            <td>rama</td>

            <td>2000</td>

            <td>20</td>

        </tr>

        <tr>

            <td>103</td>

            <td>krishna</td>

            <td>4000</td>

            <td>30</td>

        </tr>

    </table>

</body>

</html>

Example:

Demo.html

<!DOCTYPE html>

<html lang="en">

<head>

    <title>html table example</title>

</head>

<body bgcolor="cyan">

    <table border="2px" width="50%" bgcolor="orange" cellspacing="5px"

    cellpadding="10px" bordercolor="yellow">

        <tr style="color:red">

            <th>Eid</th>

            <th>Ename</th>

            <th>Esal</th>

            <th>Dno</th>

            <th rowspan="5" style="background-color: chartreuse; color:darkkhaki">employess</th>

        </tr>

        <tr style="color:blue">

            <td>101</td>

            <td>siva</td>

            <td>3000</td>

            <td>10</td>

        </tr>

        <tr style="color:blue">

            <td>102</td>

            <td>rama</td>

            <td>2000</td>

            <td>20</td>

        </tr>

        <tr style="color:blue">

            <td>103</td>

            <td>krishna</td>

            <td>4000</td>

            <td>30</td>

        </tr>

        <tr style="color:bisque">

            <td colspan="2">Total Salary</td>

            <td>9000</td>

        </tr>

    </table>

</body>

</html>

Example:

Demo.html

<!DOCTYPE html>

<html lang="en">

<head>

    <title>html table example</title>

</head>

<body bgcolor="cyan">

    <table border="2px" width="50%" bgcolor="orange" cellspacing="5px"

    cellpadding="10px" bordercolor="yellow" style="border-collapse: collapse;">

        <thead style="color:red">

            <tr><td>eid</td>

                <td>ename</td>

                <td>esal</td>

                <td>dno</td>

            </tr>

        </thead>

        <tbody bgcolor="blue" style="color:chartreuse">

            <tr><td>101</td>

                <td>siva</td>

                <td>3000</td>

                <td>10</td>

            </tr>

            <tr><td>102</td>

                <td>rama</td>

                <td>4000</td>

                <td>20</td>

            </tr>

            <tr><td>103</td>

                <td>krishna</td>

                <td>2000</td>

                <td>30</td>

            </tr>

        </tbody>

        <tfoot bgcolor="pink" style="color:firebrick">

            <tr>

                <td colspan="2">Total Salary</td>

                <td>9000</td>

            </tr>

        </tfoot>

    </table>

</body>

</html>