**LAB PROGRAM-6**

**AIM:**

Develop and demonstrate a HTML5 document that illustrates the use of ordered list, unordered list, table, borders, padding, color, and the

& tag.

**DESCRIPTION:**

***Ordered list***

In the ordered HTML lists, all the list items are marked with numbers by default. It is known as numbered list also. The ordered list starts with <ol> tag and the list items start with <li> tag.

**<ol>**

**<li>**Aries**</li>**

**<li>**Bingo**</li>**

**<li>**Leo**</li>**

**<li>**Oracle**</li>**

**</ol>**

***Unordered list***

In HTML Unordered list, all the list items are marked with bullets. It is also known as bulleted list also. The Unordered list starts with <ul> tag and list items start with the <li> tag.

1. **<ul>**
2. **<li>**Aries**</li>**
3. **<li>**Bingo**</li>**
4. **<li>**Leo**</li>**
5. **<li>**Oracle**</li>**
6. **</ul>**

***Table***

HTML table tag is used to display data in tabular form (row \* column). There can be many columns in a row.

We can create a table to display data in tabular form, using <table> element, with the help of <tr> , <td>, and <th> elements.

In Each table, table row is defined by <tr> tag, table header is defined by <th>, and table data is defined by <td> tags.

HTML tables are used to manage the layout of the page e.g. header section, navigation bar, body content, footer section etc. But it is recommended to use div tag over table to manage the layout of the page.

|  |  |
| --- | --- |
| **Tag** | **Description** |
| <table> | It defines a table. |
| <tr> | It defines a row in a table. |
| <th> | It defines a header cell in a table. |
| <td> | It defines a cell in a table. |

***Div***

The <div> tag defines a division or a section in an HTML document.

The <div> tag is used as a container for HTML elements - which is then styled with CSS or manipulated with JavaScript.

The <div> tag is easily styled by using the class or id attribute.

Any sort of content can be put inside the <div> tag!

***Span***

The <span> tag is an inline container used to mark up a part of a text, or a part of a document.

The <span> tag is easily styled by CSS or manipulated with JavaScript using the class or id attribute.

The <span> tag is much like the [<div>](https://www.w3schools.com/tags/tag_div.asp) element, but <div> is a block-level element and <span> is an inline element.

**PROGRAM**

<!DOCTYPE html>

<html>

<head>

<title>

Lab expt-6

</title>

<meta charset="UTF-8">

<style>

table,td,th {

border: 1px solid black;

border-collapse: collapse;

text-align: center;

padding: 16px;

border-color:red;

}

ol li{

color:blue;

}

ul li{

color:red;

}

div>ol{

background-color:powderblue;

border:1px solid black;

padding:20px;

}

div>ol>li{

color:deeppink;

}

</style>

</head>

<body>

<ol type="A">

<li>1<sup>st</sup> Year</li>

<ul>

<li>Chemistry</li>

<li>Physics</li>

<li>C</li>

<li>Python</li>

</ul>

<li>2<sup>nd</sup> Year</li>

<ul>

<li>Data structures</li>

<li>Java</li>

<li>Data base management systems</li>

<li>Mobile app development</li>

</ul>

</ol>

<br>

<table>

<thead>

<tr>

<th> </th>

<th>8:20-9:15</th>

<th>9:15-10:10</th>

<th>10:10-10:20</th>

<th>10:20-11:15</th>

<th>11:15-12:10</th>

</tr>

</thead>

<tbody>

<tr>

<th>Monday</th>

<td>CO</td>

<td>DBMS</td>

<td rowspan=6>B<br>R<br>E<br>A<br>K<br></td>

<td>P&S</td>

<td>AJP</td>

</tr>

<tr>

<th>Tuesday</th>

<td>DBMS</td>

<td>AJP Lab</td>

<td colspan=2>AJP Lab</td>

</tr>

<tr>

<th>Wednesday</th>

<td>P&S</td>

<td>AJP</td>

<td>DBMS</td>

<td>CO</td>

</tr>

<tr>

<th>Thursday</th>

<td>OS</td>

<td>AJP</td>

<td>CO</td>

<td>DBMS</td>

</tr>

<tr>

<th>Friday</th>

<td>P&S</td>

<td>AJP</td>

<td>OS</td>

<td>DBMS Lab</td>

</tr>

<tr>

<th>Saturday</th>

<td colspan=2>MAD Lab</td>

<td>CO</td>

<td>AJP</td>

</tr>

</tbody></table>

<div>

<ol>

<li>Grapes</li>

<li>Apple</li>

<li>Mango</li>

<li>Pineapple</li>

</ol>

</div>

<br>

<p>The <span style="font-weight:bold;font-size:20px;">UTF</span> is a character encoding format which is able to encode all of the possible character code points in Unicode. The most prolific is UTF-8</p>

</body>

</html>

OUTPUT:

1. 1st Year
   * Chemistry
   * Physics
   * C
   * Python
2. 2nd Year
   * Data structures
   * Java
   * Data base management systems
   * Mobile app development

|  | **8:20-9:15** | **9:15-10:10** | **10:10-10:20** | **10:20-11:15** | **11:15-12:10** |
| --- | --- | --- | --- | --- | --- |
| **Monday** | CO | DBMS | B R E A K | P&S | AJP |
| **Tuesday** | DBMS | AJP Lab | AJP Lab | |
| **Wednesday** | P&S | AJP | DBMS | CO |
| **Thursday** | OS | AJP | CO | DBMS |
| **Friday** | P&S | AJP | OS | DBMS Lab |
| **Saturday** | MAD Lab | | CO | AJP |

1. Grapes
2. Apple
3. Mango
4. Pineapple

The **UTF** is a character encoding format which is able to encode all of the possible character code points in Unicode. The most prolific is UTF-8

**LAB PROGRAM-7**

**AIM:**

Write HTML5 code to provide intra and inter document linking.

**DESCRIPTION:**

***Intra document linking***

Intrapage linking enables you to have a link in a document that will automatically go to another location within the same document.

This is achieved by creating a link to the location using an octothorpe (#) followed by a relevant name, and then defining the location using an anchor element and the name attribute with that name.

You can use as many such links in a document as is reasonable to achieve your goals. This technique is most helpful for navigating very long documents.

***Inter document linking***

Inter document linking can be achieved by links.

HTML links are hyperlinks.

You can click on a link and jump to another document.

When you move the mouse over a link, the mouse arrow will turn into a little hand.

The HTML <a> tag defines a hyperlink. It has the following syntax:

<a href="*url*">*link text*</a>

**PROGRAM**

<!DOCTYPE html>

<html>

<head>

<title>Lab expt-7</title>

</head>

<body>

<a href="#bottom" name=top>Click here to go to bottom of the page</a>

<pre>

This is a demo for intra and inter documentation

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</pre>

<a href="#top" name="bottom">Click here to go to top of the page</a>

<br><br>

<a href="https://www.google.com">Click here to visit google</a>

</body>

</html>

OUTPUT:



