Lab 2: Introduction to HTML (Part 2)

TOPIC 1: ADDING LISTS AND TABLES

Table 1-2	Common List and Table Elements in HTML	
Element	*Type*	*Description*
`<li>`	List Item	Used in conjunction with `<ul>` or `<ol>` to create lists of information.
`<ol>`	Order List	An ordered list of information, used in conjunction with `<li>`.
`<table>`	Table	Used with `<tr>`, `<td>`, and other elements to create a table for presenting information.
`<td>`	Table Cell	Creates a cell in a table row.
`<th>`	Table Header	A table cell that's a heading.
`<tr>`	Table Row	Creates a row of a table.
`<ul>`	Unordered List	Related to `<ol>` and `<li>` to create lists of information.

1. Learn how to create a simple unordered list in the HTML Document.

```
<!DOCTYPE html>
<html>
<head>
<title>Simple Unordered List</title>
</head>
<body>
     <center>
          <h1>Learn how to make an unorderlist in HTML</h1>
     </center>
     <b>1<sup>st</sup> example of unorderlist:</b>
     <br>
     <!--ul : unorderlist-->
     <ul>
          <li>Today</li> <!--list-->
          <li>Tomorrow</li>
          <li>Future</li>
          <ul>
               <li>animal</li>
               <ul>
                    <li>Rat</li>
               </ul>
          </ul>
     </ul>
</body>
</html>
```

2. Learn how to change the symbol in the unordered list of a HTML Document.

```
<!DOCTYPE html>
<html>
<head>
<title>Change Symbol in the Unordered List</title>
</head>
<body>
      <center>
            <h1>Learn how to change symbol in unorderlist</h1>
      </center>
      <b>2<sup>nd</sup> example of unorderlist:</b>
      <br>
      <ul type="circle">
            <li>Today</li>
            <li>Tomorrow</li>
            <li>Yesterday</li>
      </ul>
      <ul type="square">
            <li>Today</li>
            <li>Tomorrow</li>
            <li>Yesterday</li>
      </ul>
      <ul type="disc">
            <li>Today</li>
            <li>Tomorrow</li>
            <li>Yesterday</li>
      </ul>
</body>
</html>
```

3. Learn how to create a simple ordered list in the HTML Document.

```
<!DOCTYPE html>
<html>
<head>
<title> Simple Ordered List </title>
</head>
<body>
      <center>
            <h1>Learn how to make an orderlist in HTML</h1>
      </center>
      <b>1<sup>st</sup> example of orderlist:</b>
      <br>
      <!--ol : orderlist-->
      <ol>
            <li>Today</li> <!--list-->
            <li>Tomorrow</li>
            <li>Future</li>
            <ol>
                  <li>animal</li>
            </ol>
      </ol>
</body>
</html>
```

4. Learn how to change the number format in the ordered list of a HTML Document.

```
<!DOCTYPE html>
<html>
<head>
<title>Change Number Format in the Unordered List</title>
</head>
<body>
      <h1>Learn how to change number format in orderlist</h1>
      </center>
      <b>2<sup>nd</sup> example of orderlist:</b>
      <br>
      <ol type="1">
            <li>Today Lesson:</li>
            <ol type="A">
                  <li>Orderedlist</li>
                  <ol type="i">
                        <li>Create Simple Ordered List</li>
                        <li>Change Number Format</li>
                  </ol>
                  <li>Unorderedlist</li>
                  <ol type="i">
                        <li>Create Simple Unordered List</li>
                        <li>Change Symbol Format</li>
                  </ol>
            </ol>
            <li>Next Week Lession:</li>
            <ul type="circle">
                  <li>Still Planning</li>
            </ul>
      </ol>
</body>
</html>
```

5. Learn how to create a simple definition list in the HTML Document.

```
<!DOCTYPE html>
<html>
<head>
<title> Definition Lists </title>
</head>
<body>
      <center>
            <h1>Learn how to make a Definition Lists in HTML</h1>
      </center>
      <b>1<sup>st</sup> example: definition list</b>
      <dl> <!--definition list-->
            <dt><b>What is HTML?</b></dt>
            <dd>HTML is HyperText Markup Language</dd>
            <dt>What is homepage?</dt>
            <dd>Homepage is the first page of a website</dd>
      </dl></body>
</body>
</html>
```

6. Learn how to create a simple table in the HTML Document.

```
<!DOCTYPE html>
<html>
<head>
<title> Simple Table </title>
</head>
<body>
      <center>
            <h1>Learn how to make a simple table in HTML</h1>
      </center>
      <table border="1">
            <tr>
                  <th width="200px" height="30px">Food</th>
                  <th width="100px" height="30px">Drink</th>
                  <th width="100px" height="30px">Set Price</th>
            </tr>
            <tr>
                  <td>Nasi Lemak</td>
                  <td>Milo</td>
                  <td>RM 5.00</td>
            </tr>
            <tr>
                  <td>Roti Canai – 1 pcs </td>
                  <td>Milo</td>
                  <td>RM 4.00</td>
            </tr>
      </table>
</body>
</html>
```

7. Learn how to add the cell spacing and alignment in HTML Table.

```
<!DOCTYPE html>
<html>
<head>
<title> Add the cell spacing in HTML Table </title>
</head>
<body>
      <center>
      <h1> Learn how to add the cell spacing </h1>
      </center>
      <table border="1" cellspacing="10" align="center">
            <tr>
                  <th width="200px" height="30px">Food</th>
                  <th width="100px" height="30px">Drink</th>
                  <th width="100px" height="30px">Set Price</th>
                  <th width="100px" height="30px">Free Gift</th>
            </tr>
            <tr>
                  <td valign="top" align="left">Roti Canai – 1 pcs
<br /><br /><br /><br /></td>
                  <td valign="middle" align="center">Milo</td>
                  <td valign="bottom" align="right">RM 4.00</td>
                  <td valign="baseline">Telur Mata</td>
            </tr>
      </table>
</body>
</html>
```

8. Learn how to specify the number of rows or columns a cell should span in HTML Table.

```html
<!DOCTYPE html>
<html>
<head>
<title>Specify the number of rows or columns a cell should span
</title>
</head>
<body>
      <center>
      <h1> Learn how to specify the number of rows or columns a cell
      should span</h1>
      </center>
      <table border="1" cellspacing="10" align="center">
            <tr>
                  <th width="200px" height="30px" colspan="2">Day
                  </th>
                  <th width="100px" height="30px">Money Spent</th>
                  <th width="100px" height="30px">Total Travel Spent
                  Per Day</th>
            </tr>
            <tr>
                  <td rowspan="2">Day 1</td>
                  <td>T-Shirt</td>
                  <td>RM 25.00</td>
                  <td rowspan="2" align="right">RM 70.00</td>
            </tr>
            <tr>
                  <td>Fruit - Banana</td>
                  <td>RM 45.00</td>
            </tr>
            <tr>
                  <td>Day 2</td>
                  <td>Sourvenir - KeyChain</td>
                  <td>RM 35.00</td>
                  <td align="right">RM 35.00</td>
            </tr>
            <tr>
                  <th colspan="3" align="right">TOTAL SPENT:</th>
                  <th align="right">RM 105.00</td>
            </tr>
      </table>
</body>
</html>
```

TOPIC 2: ADDING HYPERLINK, IMAGE AND VIDEO

1. Learn how to add links - Sample #1

```
<!DOCTYPE html>
<html>
<head>
<title>Link</title>
</head>
<body>
<p>Here's a link to <a href="http://www.apu.edu.my">APU Website</a>
</p>
</body>
</html>
```

2. Learn how to add links - Sample #2

```
<!DOCTYPE html>
<html>
<head>
<title>Link</title>
</head>
<body>
<p>A link to <a href="tablesample.html">the table example</a></p>
</body>
</html>
```

3. Learn how to add links to linking within a page - Sample #3

```
<!DOCTYPE html>
<html>
<head>
<title>Link</title>
</head>
<body>
<ul>
<li><a href="#pine">Pine</a></li>
<li><a href="#oak">Oak</a></li>
<li><a href="#elm">Elm</a></li>
</ul>
<br /><br /><br /><br /><br /><br /><br /><br /><br /><br /><br /><br />
<br /><br /><br /><br /><br /><br /><br /><br /><br /><br /><br /><br />
<br /><br /><br /><br /><br /><br /><br /><br /><br /><br /><br /><br />
<p><a name="pine">Pine trees are abundant in my yard.</a><p>
<br /><br /><br /><br /><br /><br /><br /><br /><br /><br /><br /><br />
<br /><br /><br /><br /><br /><br /><br /><br /><br /><br /><br /><br />
<p><a name="oak">There are a few oak trees in my yard.</a><p>
<br /><br /><br /><br /><br /><br /><br /><br /><br /><br /><br /><br />
<br /><br /><br /><br /><br /><br /><br /><br /><br /><br /><br /><br />
<br /><br /><br /><br /><br /><br /><br /><br /><br /><br /><br /><br />
<p><a name="elm">There's one elm in my yard.</a><p>
</body>
</html>
```

4. Learn to open a link in a new browser window - Sample #4

```
<!DOCTYPE html>
<html>
<body>
<h1>The a target attribute</h1>
<a href="http://www.apu.edu.my" target="_blank">Visit APU
Website!</a>
<p>If you set the target attribute to "_blank", the link will open
in a new browser window or a new tab.</p>
</body>
</html>
```

5. Learn how to link to an email address - Sample #5

```
<!DOCTYPE html>
<html>
<body>
<p>To create a link that opens in the user's email program (to let
them send a new email), use mailto: inside the href attribute:</p>
<p><a href="mailto:mienmay@staffemail.apu.edu.my">Send email</a></p>
</body>
</html>
```

6. Learn how to link to a phone number - Sample #5

```
<!DOCTYPE html>
<html>
<body>
<p>To create a link to a telephone number, use tel: inside the href
attribute:</p>
<p><a href="tel:+60389961000">APU Office Phone Number</a></p>
</body>
</html>
```

7. Learn how to create a page with an image – Sample #1

```
<!DOCTYPE html>
<html>
<head>
<title>Add APU Logo</title>
</head>
<body>
<h1>APU Logo</h1>
<p><img src="apu.jpg" alt="Apu Logo" width="200px" height="200px">
</p>
</body>
</html>
```

8. Learn how to insert images from another folder or from another web site – Sample #2

```
<!DOCTYPE html>
<html>
<head>
<title>Add APU Logo</title>
</head>
<body>
<h1>APU Logo</h1>
<p>Insert an image from another folder:</p>
<img src="images/apu.jpg" alt="apu logo" width="70" height="59">
<p>Insert an image from a web site:</p>
<img src="https://www.w3schools.com/images/lamp.jpg" alt="Lamp"
width="32" height="32">
</body>
</html>
```

9. Learn how to add a hyperlink to an image – Sample #3

```
<!DOCTYPE html>
<html>
<head>
<title>Add APU Logo</title>
</head>
<body>
< h1>Add a hyperlink to an image</h1>
<p><a href="https://www.apu.edu.my">
<img src="apu.jpg" alt="APU Website" width="100" height="132"></a>
</p>
</body>
</html>
```

10. Learn how to add a hyperlink to an image – Sample #4

```
<!DOCTYPE html>
<html>
<head>
<title>Add APU Logo</title>
</head>
<body>
<h1>The map and area elements</h1>
<p>Click on the computer, the phone, or the cup of coffee to go to a
new page and read more about the topic:</p>
<img src="workplace.jpg" alt="Workplace" usemap="#workmap"
width="400" height="379">
<map name="workmap">
  <area shape="rect" coords="34,44,270,350" alt="Computer"
href="http://www.hp.com.my">
  <area shape="rect" coords="290,172,333,250" alt="Phone"
href="http://www.samsung.com.my">
  <area shape="circle" coords="337,300,44" alt="Cup of coffee"
href="http://www.starbucks.com.my">
</map></body>
</html>
```

11. Learn how to embed a youtube video in a webpage – Sample #1

```
<!DOCTYPE html>
<html>
<head>
<title>Add Youtube Video</title>
</head>
<body>
<h1>Add youtube video</h1>
<p>View a youtube video</p>
<iframe width="560" height="315"
src="https://www.youtube.com/embed/UksigCzT2Uc" frameborder="0"
allow="accelerometer; autoplay; encrypted-media; gyroscope; picture-
in-picture" allowfullscreen>
</iframe>
</body>
</html>
```