

## Lab 2: Introduction to HTML (Part 2)

### TOPIC 1: ADDING LISTS AND TABLES

<b>Table 1-2 Common List and Table Elements in HTML</b>		
<i>Element</i>	<i>Type</i>	<i>Description</i>
<code>&lt;li&gt;</code>	List Item	Used in conjunction with <code>&lt;ul&gt;</code> or <code>&lt;ol&gt;</code> to create lists of information.
<code>&lt;ol&gt;</code>	Order List	An ordered list of information, used in conjunction with <code>&lt;li&gt;</code> .
<code>&lt;table&gt;</code>	Table	Used with <code>&lt;tr&gt;</code> , <code>&lt;td&gt;</code> , and other elements to create a table for presenting information.
<code>&lt;td&gt;</code>	Table Cell	Creates a cell in a table row.
<code>&lt;th&gt;</code>	Table Header	A table cell that's a heading.
<code>&lt;tr&gt;</code>	Table Row	Creates a row of a table.
<code>&lt;ul&gt;</code>	Unordered List	Related to <code>&lt;ol&gt;</code> and <code>&lt;li&gt;</code> 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 unorderedlist in HTML</h1>
  </center>
  <b>1<sup>st</sup> example of unorderedlist:</b>
  <br>
  <!--ul : unorderedlist-->
  <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 unorderedlist</h1>
  </center>
  <b>2<sup>nd</sup> example of unorderedlist:</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>
</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 Lesson:</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>
</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.

```
<!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</th>
    </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 />
<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 />
<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 />
<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>
</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>

<p>Insert an image from a web site:</p>

</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">
</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>

<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

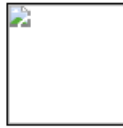
```
<!DOCTYPE html>
<html>
<head>
<title>Add Youtube Video</title>
</head>
<body>
<h1>Add youtube video</h1>
<p>View a youtube video</p>
<iframe width="560" height="315"
src="https://www.youtube.com/embed/UksigCzT2Uc" frameborder="0"
allow="accelerometer; autoplay; encrypted-media; gyroscope; picture-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

**Test yourself question:**

1. Make a Professional Resume Website for yourself and named it as “*MyCVPage.html*”. The content of the page as below. Sample in page 11.
  - Name & Picture
  - Personal Details
  - Education Details
  - Working Experience
  - Technical Skills / Additional Skills
  - Video related to the your portfolio

Once you already done, open a word document, and copy and paste your code inside the word file and also snapshot your final output in the word file. Then submit to the Microsoft teams before 20<sup>th</sup> June 2020, 11.59pm.

## Chong Mien May



### Personal Details

Identity Card No:	XXXXXX-04-5055
Address:	Asia Pacific University
Contact Phone No:	03-89961000

### Education Details

Academic Qualification	School / University	Year of Graduate	Result
Diploma of Software Engineering			

### Working Experience

Working Experiences	Event Crew Nestle Malaysia <ul style="list-style-type: none"> <li>Responsible for the food and beverage supply booth</li> <li>Ensure customer are able to get their food and drink in a sequences</li> <li>Restock foods and drinks as porter</li> </ul>
	Event Crew Nestle Malaysia <ul style="list-style-type: none"> <li>Responsible for the food and beverage supply booth</li> <li>Ensure customer are able to get their food and drink in a sequences</li> <li>Restock foods and drinks as porter</li> </ul>

### Additional Skills:

Software Skills	1. MSSQL 2. WAMP 3. Microsoft Access
Language Skills	1. C# 2. C 3. Java

### My Video - Portfolio:

