



Grade 9


1st Quarter

Lesson 3

A bright mind is nothing without a humble heart

TABLES

HTML TABLES



Days	Weather
Monday	Sunny
Tuesday	Rainy

A bright mind is nothing without a humble heart

What is a Table?

- **Tables allow you to organize and arrange data into columns and rows.**

- **Tables also allow you to divide your page into section where you can place headers, footers and navigation links. Almost all websites are laid out using tables.**

- **A table is made up of rows and columns. You can place different elements in each cell like text or image.**

- **A table by default has no borders, so you need to have a value of at least 1 for the border attribute.**

Creating a Table

Tables arrange and organize content into columns and rows. They can be made via the container tags `<table></table>`

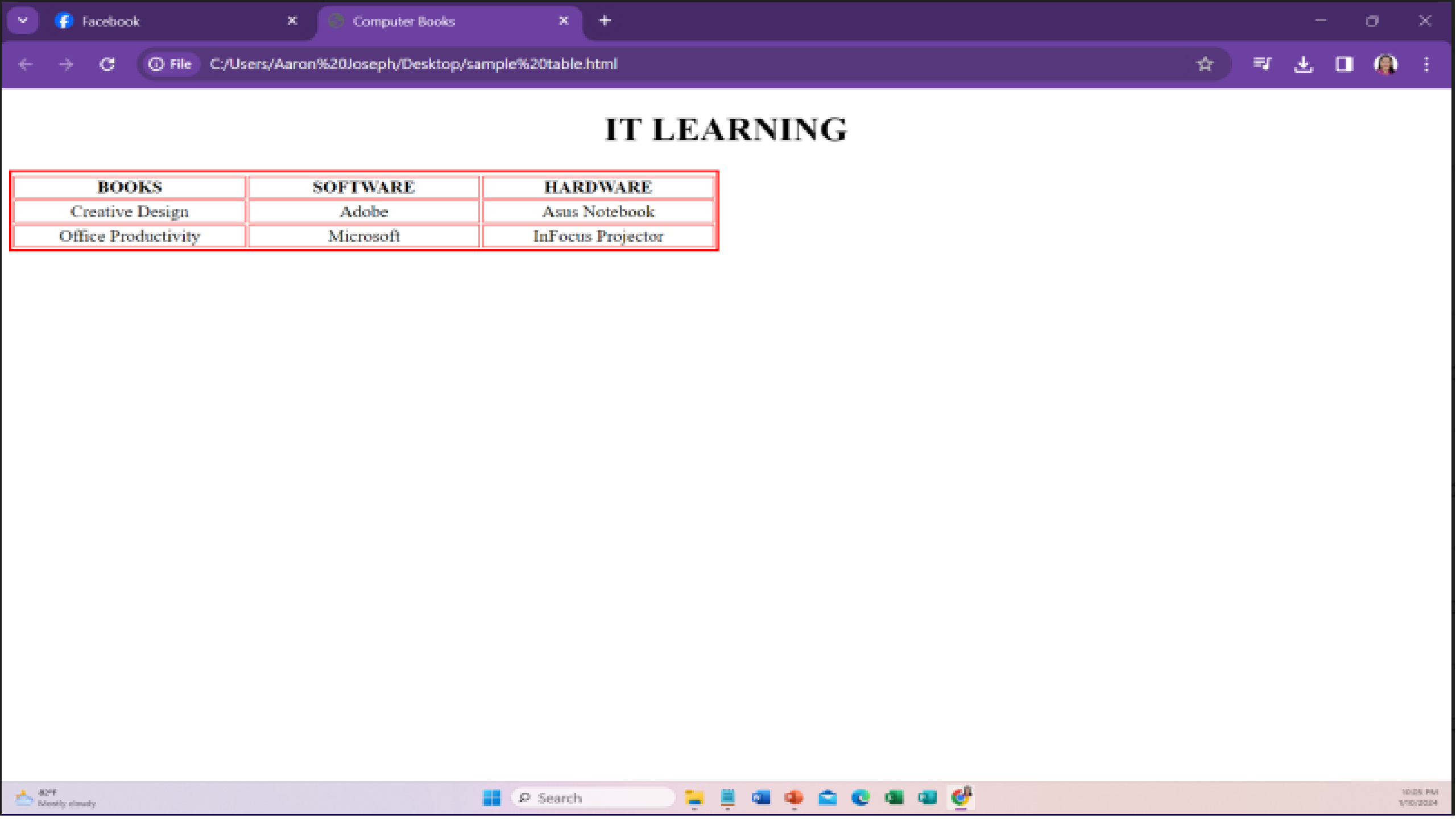
Each row within the table is defined by the container tags `<tr></tr>`. Each cell or data within a row is defined by the container tags `<td></td>`.

**Remember that the cells
<td></td> are placed inside
rows <tr></tr> and rows are
placed inside the table
<table></table>.**

```
<html>
<head>
<title>Computer books, Software and Hardware</title>
</head>
<body>
<h3 align="left">IT Learning</h3>
<table border="1" bordercolor="#ff0000">
<tr bgcolor="#ff0000"></tr>
<tr>
<th align="center" width="200">BOOKS</th>
<th align="center" width="200">SOFTWARE</th>
<th align="center" width="200">HARDWARE</th>
</tr>
```

Continuation...

```
<tr>
<td align="center">Creative Design</td>
<td align="center">Adobe</td>
<td align="center">Asus Notebook</td>
</tr>
<tr>
<td align="center">Office Productivity</td>
<td align="center">Microsoft</td>
<td align="center">InFocus Projector</td>
</tr>
</table>
</body>
</html>
```



IT LEARNING

BOOKS	SOFTWARE	HARDWARE
Creative Design	Adobe	Asus Notebook
Office Productivity	Microsoft	InFocus Projector

There are various ways to change the appearance of a table. You can change the thickness and color of the border, set a certain distance between the contents of the cells and the borders around it, set its background color and image, and many more.

Attributes for <table></table>

Attribute Name	Definition	Values
align	Indicates the horizontal alignment of the table. Syntax: <table align="center"></table>	left, right, center
background	Indicates the background image of the table. Syntax: <table background="smiley.jpg"></table>	filename (path could be included) of the image file.
bgcolor	Indicates the background color of the table. Syntax: <table bgcolor="violet"></table>	assigned name or hexadecimal value of the color
border	Indicates the thickness of the border in pixels. Syntax: <table border="2"></table>	number of pixels
bordercolor	Indicates the color of the border. Syntax: <table bordercolor="yellow"></table>	assigned name or hexadecimal value of the color
cellpadding	Indicates the distance (in pixels) between the contents of the cells and the border around it. Syntax: <table cellpadding="2"></table>	number of pixels

Attributes for <table></table>

Attribute Name	Definition	Values
cellspacing	Indicates the distance between the cells in pixels Syntax: <table cellspacing="2"></table>	number of pixels
width	Indicates the width of the table in pixels or percent of the width displayed by the Web browser. Syntax: <table width="800"></table>	number of pixels or number expressed as percent.

```
<html>
<head><title>Tables</title></head>
<body>
<table align="center" border="3"
bordercolor="violet" width="600" cellpadding="4"
cellspacing="6">
<h1 align="center">Directory</h1>
<tr>
<td><b>Name</b></td>
<td><b>Mobile</b></td>
<td><b>Landline</b></td>
</tr>
```


Continuation...

<tr>

<td>Conrado C. Callada Jr.</td>

<td>+63917123456</td>

<td>+6322412311</td>

</tr>

<tr>

<td>Samantha G. Bueno</td>

<td>+639188901234</td>

<td>+6322411312</td>

</tr>

Continuation...

```
<tr>  
<td>Gabriel M. Cortez</td>  
<td>+639195678901</td>  
<td>+6322110218</td>  
</tr>  
</table>  
</body>  
</html>
```

Directory

Name	Mobile	Landline
Conrado C. Callada Jr.	+63917123456	+6322412311
Samantha G. Bueno	+639188901234	+6322411312
Gabriel M. Cortez	+639195678901	+6322110218>

Modifying Table Rows

Rows' appearance `<tr></tr>` can be changed as well and can be done through their attributes. By default, the contents of table rows are aligned vertically.

Attributes for `<tr></tr>`

Attribute name	Definition	Values
align	Indicates the horizontal alignment of the contents of the row. Syntax: <code><tr align="center"></tr></code>	left, right, center
valign	Indicates the vertical alignment of the contents of the row. Syntax: <code><tr valign="bottom"></tr></code>	top, middle, bottom
bgcolor	Indicates the background color of the row. Syntax: <code><tr bgcolor="brown"></tr></code>	assigned name or hexadecimal value of the color
height	Indicates the height of the row in pixels. Syntax: <code><tr height="200"></tr></code>	number of pixels

"A bright mind is nothing without a humble heart"

```
<html>
<head><title>Tables</title></head>
<body>
<table align="center" border="3"
bordercolor="violet" width="600" cellpadding="4"
cellspacing="6">
<h1 align="center">Directory</h1>
<tr height="35" bgcolor="yellow" align="center">
<td><b>Name</b></td>
<td><b>Mobile</b></td>
<td><b>Landline</b></td>
</tr>
```

Continuation...

<tr>

<td>Conrado C. Callada Jr.</td>

<td>+63917123456</td>

<td>+6322412311</td>

</tr>

<tr>

<td>Samantha G. Bueno</td>

<td>+639188901234</td>

<td>+6322411312</td>

</tr>

Continuation...

```
<tr>  
<td>Gabriel M. Cortez</td>  
<td>+639195678901</td>  
<td>+6322110218</td>  
</tr>  
</table>  
</body>  
</html>
```



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Gabriel M. Cortez	+639195678901	+6322110218>

Modifying Table Data

The appearance of `<td></td>` data on each cell can be changed through their attributes. The nowrap attribute needs no value. It just needs to be present in the tag in order for it to provide its effect. Bear in mind that that the alignment set on a cell overrides the alignment set on the row.

Attributes for <td></td>

align	Indicates the horizontal alignment of the contents of the cell. Syntax: <code><td align="center"></td></code>
valign	Indicates the vertical alignment of the contents of the cell. Syntax: <code><td valign="top"></td></code>
background	Indicates the background image of the cell. Syntax: <code><td background="dogs.jpg"></td></code>
bgcolor	Indicates the background color of the row. Syntax: <code><td bgcolor="blue"></td></code>
height	Indicates the height of the cell in pixels. Syntax: <code><td height="200"></td></code>
width	Indicates the width of the table in pixels or percent of the width of the table. Syntax: <code><td width="300"></td></code>

Attributes for <td></td>

nowrap

Inhibit word wrapping in the cell.

Syntax: <td nowrap></td>

colspan

Merges multiple cells.

Syntax: <td colspan="2"></td>

rowspan

Merges multiple rows

Syntax: <td rowspan="2"></td>

```
<html>
<head><title>Tables</title></head>
<body>
<table border="3" bordercolor="violet" width="600"
cellpadding="4" cellspacing="6" align="center">
<caption><h3 align="center">Directory</h3></caption>
<tr height="35" bgcolor="yellow">
<th><b>Name</b></th>
<th width="200"><b>Mobile</b></th>
<th width="200"><b>Landline</b></th>
</tr>
```

Continuation...

<tr>

**<td align="center" bgcolor="pink" width="200">Conrado C.
Callada Jr.</td>**

<td align="center">+63917123456</td>

<td align="center">+6322412311</td>

</tr>

<tr>

<td align="center" bgcolor="pink">Samantha G. Bueno</td>

<td align="center">+639188901234</td>

<td align="center">+6322411312</td>

</tr>

Continuation...

```
<tr>  
<td align="center" bgcolor="pink">Gabriel M. Cortez</td>  
<td align="center">+639195678901</td>  
<td align="center">+6322110218</td>  
</tr>  
</table>  
</body>  
</html>
```

Directory

Name	Mobile	Landline
Conrado C. Callada Jr.	+63917123456	+6322412311
Samantha G. Bueno	+639188901234	+6322411312
Gabriel M. Cortez	+639195678901	+6322110218

```
<html>
<head><title>Tables</title></head>
<body>
<table border="3"
background="C:\Users\MaryGraceUminga\Desktop\Grade 9
files\Notepad files\lp sci logo.png"width="600"
cellpadding="4" cellspacing="6" align="center">
<caption><h3 align="center">Directory</h3></caption>
<tr height="35" bgcolor="yellow">
<th><b>Name</b></th>
<th width="200"><b>Mobile</b></th>
<th width="200"><b>Landline</b></th>
</tr>
```


Continuation...

<tr>

**<td align="center" bgcolor="pink" width="200">Conrado C.
Callada Jr.</td>**

<td align="center">+63917123456</td>

<td align="center">+6322412311</td>

</tr>

<tr>

<td align="center" bgcolor="pink">Samantha G. Bueno</td>

<td align="center">+639188901234</td>

<td align="center">+6322411312</td>

</tr>

Continuation...

```
<tr>  
<td align="center" bgcolor="pink">Gabriel M. Cortez</td>  
<td align="center">+639195678901</td>  
<td align="center">+6322110218</td>  
</tr>  
</table>  
</body>  
</html>
```

Directory

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Conrado C. Callada Jr.	+63917123756	+6322412311
Samantha G. Bueno	+639188901234	+6322411312
Gabriel M. Cortez	+639195678901	+6322110218