



Web Technologies

ICT1153

Buddhika Gayashani Jayaneththi Dept. Of ICT Faculty of Technology University of Ruhuna





Objectives

SON CARRIED CARRIED CARRIED CONTROL OF CARRIED CARRIED CONTROL OF CARRIED CARRIED CONTROL OF CARRIED CONTROL

- >Upon completing this section, you should be able to:
 - >Insert tables.
 - Explain a table's attributes.
 - >Edit a table.
 - >Add a table header.
 - >Insert images.



Tables



- The <TABLE></TABLE> element has four subelements:
- ➤ Table Row<TR></TR>.
- ► Table Header < TH> < / TH>.
- ➤ Table Data < TD> < / TD>.
- Caption <CAPTION></CAPTION>.
- The table row elements usually contain table header elements or table data elements.

Table Header



Table Data cells are represented by the TD element. Cells can also be TH (Table Header) elements which results in the contents of the table header cells appearing centered and in bold text.

Tables

```
 Column 1 header 
 Column 2 header 
Row1, Col1 
Row1, Col2 
>
Row2, Col1 
 Row2, Col2
```



Tables



| Column 1 Header | Column 2 Header | |
|-----------------|-----------------|--|
| | | |
| Row1, Col1 | Row1, Col2 | |
| Row2, Col1 | Row2, Col2 | |

Table Caption



- >The <caption> tag defines a table caption.
- The <caption> tag must be inserted immediately after the tag.
- By default, a table caption will be center-aligned above a table. However, the CSS properties <u>text-align</u> and <u>caption-side</u> can be used to align and place the caption.

8

Table Caption



```
Ex:
<caption>Monthly savings</caption>
Month
 Savings
January
 $100
 Try these:
<caption style="text-align:right">My savings</caption>
<caption style="caption-side:bottom">My savings</caption>
```

Tables Table sizes



- >HTML tables can have different sizes for each column, row or the entire table.
- ➤ Use the style attribute with the width or height properties to specify the size of a table, row or column.

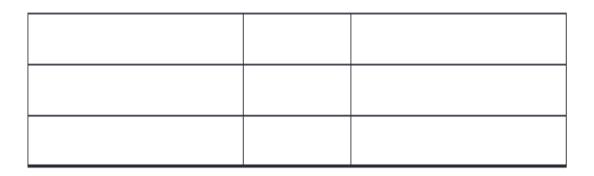


Table sizes

HTML Table Width

> To set the width of a table, add the style attribute to the element:

Ex:

```
Firstname
Lastname
Age
Jill
Smith
50
```



Table sizes

HTML Table Column Width

To set the size of a specific column, add the style attribute on a or element:

Ex:

```
Firstname
Lastname
Age
Jill
Smith
 50
```

Table sizes

HTML Table Row Height

> To set the height of a specific row, add the style attribute on a table row element.

Ex:

```
Firstname
Lastname
Age
Jill
Smith
 50
```



>HTML tables can adjust the padding inside the cells, and also the space between the cells.

HTML Table – Cell Padding

- Cell padding is the space between the cell edges and the cell content.
- By default the padding is set to 0.

```
Ex:
```

```
Language
Java
```

HTML Table Padding & Spacing

HTML Table - Cell Spacing

- Cell spacing is the space between each cell.
- It sets the space between the cells in terms of pixels.

Ex:

```
Firstname
Lastname
Age
Jill
Smith
50
```



15

HTML Table Colspan & Rowspan



>HTML tables can have cells that spans over multiple rows and/or columns.

| NAME | | |
|------|--|--|
| | | |
| | | |
| | | |
| | | |

| A | PRIL | |
|---|------|--|
| | | |
| | | |
| | | |

| 2022 | | |
|--------|--|--|
| | | |
| FIESTA | | |
| | | |



HTML Table - Colspan

> To make a cell span over multiple columns, use the colspan attribute:

Ex:

```
Name
Age
Jill
Smith
43
Eve
Anne
57
```



Solve Carrier Carrier

HTML Table - Rowspan

> To make a cell span over multiple rows, use the rowspan attribute:

Ex:

```
Name
Jill
Phone
555-1234
555-8745
```

HTML Images



- > Images can improve the design and the appearance of a web page.
- > The HTML tag is used to embed an image in a web page. It does not have a closing tag.
- Images are not technically inserted into a web page; images are linked to web pages. The tag creates a holding space for the referenced image.
- > The tag has two required attributes:
 - src Specifies the path to the image
 - alt Specifies an alternate text for the image

```
<img src="url" alt="alternatetext">
```

HTML Images

The src Attribute

> The required src attribute specifies the path (URL) to the image.

```
<img src="lotus.jpg" alt="Flowers in Sri Lanka">
```

The alt Attribute

The required alt attribute provides an alternate text for an image.

The value of the alt attribute should describe the image.

If a browser cannot find an image, it will display the value of the alt attribute.

Image Size – Width and Height



- > Width (WIDTH): is the width of the image in pixels.
- > Height (HEIGHT): is the height of the image in pixels.
- > You can use the style attribute to specify the width and height of an image.

```
<img src="img_girl.jpg" alt="Girl in a jacket" style="width:500px;height:600px;">
```

Alternatively, you can use the width and height attributes:

```
<img src="img_girl.jpg" alt="Girl in a jacket" width="500" height="600">
```

Always specify the width and height of an image.

Images in another folder/another website



If you have your images in a sub-folder, you must include the folder name in the src attribute.

```
<img src="/images/html5.gif" alt="HTML5 Icon" style="width:128px;height:128px;">
```

To point to an image on another server, you must specify an absolute (full) URL in the src attribute.

```
<img src="https://www.w3schools.com/images/w3schools_green.jpg" al
t="W3Schools.com">
```

Some Examples on images



- >
- >
- >

Questions ???









Thank You.