List, Anchor and Table

Unordered list and ordered list

Elements for the BODY section (Cont.)

Unordered List and Odered Lists

Unordered Lists -
 tag. Item lists in tag. The list items will be marked with bullets.

Ordered Lists - tag. Item lists in tag. The list items will be marked with numbers.

Eg.:

<h tml>

 body> <h2>Unordered List </h2> <u1> lava <h>Python</h> Ruby <h2>Ordered List </h2> <01> lava Python Roby </body> </h>

Unordered List

- Lave
- Python
- Ruby

Ordered List

- Java
- Python
- 3. Ruby



Lists -- Ordered Lists

Ordered (Numbered) Lists:

```
<OL>
```

 Item One

 Item Two

 Item Three

 Item Four



- 1. Item One
- 2. Item Two
- 3. Item Three
- 4. Item Four

Ordered List Attributes:

type="i/I/a/A/1"

(default)

i = i. Item One

I = I. Item One

a = a. Item One

A = A. Item One

1 = 1.Item One

ii. Item Two

II. Item Two

b. Item Two

B. Item Two

2. Item Two

iii. Item Three

III. Item Three

c. Item Three

C. Item Three

3. Item Three

iv. Item Four

IV. Item Four

d. Item Four

D. Item Four

4. Item Four

start="xx"

• This attribute lets you specify which number/letter will start the list

Lists -- Definition Lists

Definition Lists:

```
<DL>
    <DT>List Name One
         <DD>This is where information about List Name One would go</DD>
    </DT>
    <DT>List Name Two
         <DD>This is where information about List Name Two would go</DD>
    </DT>
</DL>
          List Name One
                    This is where information about List Name One
                    would go
          List Name Two
                    This is where information about List Name Two
```

would go

Introduction

- The <a> tag defines a hyperlink, which is used to link from one page to another.
- The most important attribute of the <a> element is the href attribute, which indicates the link's destination.
- By default, links will appear as follows in all browsers:
- An unvisited link is underlined and blue
- A visited link is underlined and purple
- An active link is underlined and red

HTML Links - Different Colors

```
<style>
a:link {
 color: green;
 background-color: transparent;
 text-decoration: none;
a:visited {
 color: pink;
 background-color: transparent;
 text-decoration: none;
a:hover {
 color: red;
 background-color: transparent;
 text-decoration: underline;
a:active {
 color: yellow;
 background-color: transparent;
 text-decoration: underline;
</style>
```

Basic < a > tag

- Create a link to amrita.edu
- Visit Amrita Vishwa Vidyapeetham!

Target attribute

- The target attribute can have one of the following values:
- _self- Default. Opens the document in the same window/tab as it was clicked
- _blank Opens the document in a new window or tab
- _parent Opens the document in the parent frame
- _top Opens the document in the full body of the window
- Visit Amrita!

<u>Creating Book Marks – Internal Linking</u>

Fist create a Bookmark

Or use this

<h2 id = "Chapter 1">Chapter 1 </h2>

Then add a link to the bookmark

Jump to Chapter 1

You can also add a link to a bookmark on another page:

Jump to Chapter 1

Anchor Tag - Attributes

- Download: Specifies that the target will be downloaded when a user clicks on the hyperlink
- Href: Specifies the URL of the page the link goes to
- Target: Specifies where to open the linked document
- Title: Adds a title to an element. Many browsers will display the value of this attribute when the element is hovered-over or is in focus.
- Rel: The rel attribute specifies the relationship between the current document and the linked document.

Links Summary

The anchor tag <A> is used to link one document to another or from one part of a document to another part of the same document.

Basic Links:

Stanford University

Inter-document Links:

Point to 'spot' in this document

Defining a point in a document:

Spot

Email links:

Email someone@somehost.com

HTML Tables

Defining an HTML Table

oAn HTML table is defined with the tag.

•Each table row is defined with the
 tag. A table header is defined with the tag. By default, table headings are bold and centered. A table data/cell is defined with the tag.

Note: The (td) elements are the data containers of the table.

They can contain all sorts of HTML elements; text, images, lists, other tables, etc.

HTML Table Contd.

- Table cells which act as column headers or row headers should use the (table header) element.
- Table cells can be merged using the colspan and rowspan attributes.
- Tables can be broken into sections using the following elements:
 - <thead> Table header create a separate table header
 - — Table body indicate main body of the table
 - <tfoot> Table footer
 to create separate table footer
- A caption can be added to a table using the <caption> element.
- •You can use < cole > and < colg > to define table columns for styling.

```
<!DOCTYPE html>
whtmls ....
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ch25flasic HTML Tablec/h25
ctable style="width:100%">
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   ethoflestnames/tho
   ctioLastnames/tho
   cthodgec/tho
 4/10%
 (17)
   ctablilic/tab
   (td)Smithk/td>
   (td)58(/td)
  (/tr>-
 ctd)Evec/td>
   (td)Jackson(/td)
   (1:0)94(/1:0)
 (/tr>
 (tra
   ctd>John (/td)
  ctmboec/tm
   ctd>80c/td>
 4/179
c/tables
(/body)
(/htal)
```

Basic HTML Table

	Firstname	Listuine	Age
Tit		Sorth	50
Eta		Jackson	94
John		Due	80
			5500

HTML Table - Adding a Border

- oIf you do not specify a border for the table, it will be displayed without borders.
- oA border is set using the CSS border property:

Remember to define borders for both the table and the table cells.

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torder: Im salid black;
d/style>
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(deaty)
<in2)Bordered Table(/NO)-</p>
opplies the CSS border property to add a border to the table. (/p)
stable style="width:100%">
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  4/979
official bear
s/hody)
0.7941819
```

Bordered Table

Use the CSS border property to add a border to the table.

Firstname	Laviname	Age
342	Smith	30
Juli Eve	Jackson	94
John .	Doe	80

HTML Table - Adding Cell Padding

- •Cell padding specifies the space between the cell content and its borders.
- oIf you do not specify a padding, the table cells will be displayed without padding.
- °To set the padding, use the CSS padding property:

```
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vietel)
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 politing: Their
APRECIAS.
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spoCell padding specifies the space between the cell content and its borders.</pr
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   chofirstness/the
   ethoLastranec/this
   etholges/the
 37573
 etra
   enchille/up
   chrysatthe/ter-
   etis48//tity
 1/500
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   ct/DEwi/Ma
   ctghlacknied/tdb
   CLDG41/DD
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4/tables
covery to change the publing to Spa. c/pr
+/booky+
```

(Jittal)

Cellpadding

Cell pudding specifies the space between the cell content and its borders.

Firstname	Lustname	Agu
Ja	Smith	50
Eve	Jackson	94
John	Doe	80

Try to change the pudding to Spx.

HTML Table - Left-align Headings

- By default, table headings are bold and centered.
- To left-align the table headings, use the CSS text-align property:

```
s/strias
(/heidi:
dotes
ch2>Left-align Headingsc/hl>
ch2>Left-align the table headings, use the CSS trut-align property.4/p>
stable style="sign:1800">
   (tioFirstnamec/tro
   (th)Lastname:/tto
   empages/the
  477.0%
  ctris.
   enr/1111/905
   etitisfed the/titly
   4105N/10
  4/10/9
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   stoEver/co
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  (Tr)
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   41030047183
  CHTPS.
t/tiddio-
```

(/budy) (htal)

Left-align Headings

To left-align the table headings, use the CS5 text-align property.

Firstname	Lastname	Age
3-01	5m/h	50
Eve	Jackson	94
John	Doe	80

HTML Table - Cells that Span Many Columns

• To make a cell span more than one column, use the colspan attribute:

```
(IDOCTYPE Html)
shtmix
cheady
estyles
                                  Cell that spans two columns
table, th, td (
border: Ipx solid black;
 border-collapse: collapse;
th, td (
 paddings Spaj
 text-align: left;
K/Styles
c/heads.
(body)
ch2>Cell that spans two columns(/h2)
To make a cell span more than one column, use the colspan attribute.
(table style="width:100%")
 ktra.
   (th)Name(/th)
   Telephone
 (/tr)
 (III)
   8ill Gates
   <tm>55577854</tm>
   55577855
 S/Ir>
(/body)
k/html>
```

To make a cell span more than one column, use the colspan attribute.

Name	Telephone	
Bill Gates	55577954	55577855

HTML Table - Cells that Span Many Rows

To make a cell span more than one row, use the rowspan attribute:

```
(IDDETYPE btml)
chtml>
chead)
cstyle)
                                            Cell that spans two rows
table, th, to [
 border: Ips solid black;
                                            To make a cell span more than one row, use the rowspan attribute.
 border-collapse: collapse;
th, to (
                                             Name:
                                                                                          Bill Gates
 pedding: 5px;
                                                                                          55577854
 test-align: left;
                                             Telephone:
                                                                                          55577855
c/styles
(/head)
(body)
ch2)Cell that spans two rows(/h2)
cpoTo make a cell span more than one row, use the rowspan attribute.
ctuble style="width:180%">
 (17)
   (th)/lame:
   (td)8ill Gates(/td)
 (/tr>
 (27)
   cth rowspan="2">Telephone:</ra>
   (Ed)55577854c/ED
 4/tr>
 (17)
   (td)55577855(/td)
 (/tr>
(/table>
(/body)-
</html>
```

Table contd.

- Caption> to add caption to a table.
- Use id attribute to the table to to define a special stylefor a special table

```
Table#t01 {
  width = 100%;
  background-color = "Blue";
}
```

Chapter Summary

- Use the HTML element to define a table
- Use the HTML
 element to define a table row
- · Use the HTML element to define a table data
- Use the HTML element to define a table heading
- · Use the HTML <caption> element to define a table caption
- Use the CSS border property to define a border
- Use the CSS border-collapse property to collapse cell borders
- Use the CSS padding property to add padding to cells
- Use the CSS text-align property to align cell text
- Use the CSS border-spacing property to set the spacing between cells
- Use the colspan attribute to make a cell span many columns
- Use the rowspan attribute to make a cell span many rows
- Use the id attribute to uniquely define one table

Reference

https://www.w3schools.com/html/html_tables.asp