

LISTS AND TABLES

The tag that is used to generate a list of items in a specific order is tag. It stands for “Ordered list”. The tag that is used to generate the unordered list is . The <DL> tag is used for generating definition list or is used in creating glossary. Inside a list we need to describe each item of the list we use the tag to individually describe each list item. It is used with both and tags. Syntax of list items tag: Item. The end tag is optional and may be omitted.

Creating Ordered Lists:

We use the tag (con) to generate an ordered list which is preceded by a no. or a letter. The default is numbered. The style can be changed using the TYPE attribute.

SYNTAX: <OL START = “3” TYPE = ”I”>...

Attributes of tag

TYPE : It defines the type of numbering sequence used for each list item. It’s value can be one of the following.

‘A’ – sequence of uppercase letters.

‘a’ – sequence of lowercase letters.

‘I’ – sequence of uppercase roman numerals.

‘i’ - sequence of lowercase roman numerals.

‘1’ – sequence of numbers.

START : Indicates the starting no. of the list. It’s value must be a positive integer.

CREATING UNORDERED LIST:

The tag (con) is used to generate a list of items which are not to be placed in a specific order. It is used to display bulleted list.

SYNTAX: <UL TYPE = “circle”>...

Attributes of tag.

TYPE: It defines the type of bullet to be used for each list items. It takes one of the following values:

1.CIRCLE: Specifies a hollow bullet.

2. DISC: Solid round bullet

3. SQUARE: Square bullet

Definition Lists:

Creates Glossary that contain various terms and their definitions. Each definition list item contains two parts- a term and a definition or description.<DL> tag is used for generating definition lists (con). The data term is given in <DT> tag (con) and the data description is given in the <DD> tag (con).

We can always create Nested lists. When some list item in a list contains a sub-list.

TABLES: The <TABLE> tag is used to create tables in web-pages.(Con).

SYNTAX: <TABLE

ALIGN = "left" | "Right" | "CENTER"

BGCOLOR = "Color"

BORDER = "Value"

CELLPADDING = "Value"

CELLSPACING = "Value"

HEIGHT = "Height"

WIDTH = "Width" >...</TABLE>

Attributes of <TABLE> tag.

- ALIGN - It defines the horizontal placement of the table. It can take one of the following values.

Left – aligns the table to the left (default).The content following the table flows to the right of the table.

Right – Aligns the table to the right.

Center – aligns the table to the center.

- BORDER (BORDER = "Pixel value").It is used to draw border around the table. The size/Thickness can be specified in terms of pixel value. By default there is no border seen.
- BGCOLOR (BGCOLOR = "Red").Sets the Colour of the background of the table. The Colour value can be given as the name of the Colour.
- HEIGHT (HEIGHT = "height"). Specifies the height of the table It increases the length of the table. The value can be a no.(int) or a %age of the height of the page.
- WIDTH (WIDTH = "Width"). It specifies the width of the table. It increases the breadth of the table. The values accepted will be same as that of HEIGHT attribute.
- CELLPADDING (CELLPADDING = "Value").It determines the amount of space between the border of a cell and the contents inside. Its value is given in terms of pixels. The default is 1.
- CELLSPACING (CELLSPACING = "Value").It determines the amount of space between individual cells in a table. Value is given in pixels. The default value is 2.

The <TR> tag. It defines each row for a table.(Con).It is a parameter of the <TABLE> tag. The no. of rows in a table corresponds to the instances of <TR> tag within the <TABLE> tag. The contents of a row are given as a parameter to the <TR> tag by using <TH> tag that indicate table headings and <TD> tags that indicate table data.

SYNTAX: <TR ALIGN = "Center | Left | Right"

BGCOLOR = "Color" VALIGN = "Bottom | Middle | Top">...</TR> ➔ Attributes of <TR> tag:

- **ALIGN**- It controls the alignment of text in a row either to the left, right, Centre of a cell. The default is left. Center-It centers the text in a table row. Left- It aligns the text to left of the cell Right- It aligns the text to the right of the cell.
- **VALIGN**-It is used to specify the vertical alignment of a text in a table row. It controls whether the text in a row is aligned to the top, bottom, middle of a cell.

Bottom-It aligns the content with the cell's bottom.

Middle-It centres the content within the cell (Default).

Top-It Aligns the content with the cell's top.

- **BGCOLOR**-It sets the default Colour of the background of a table row. It takes either as a Colour name or a Colour code.

The <TD> Element : This element specifies the text in a cell of a table.(con).This tag is a parameter of the <TR> tag. The number of columns in a table depends on the no. Of <TD> tags within the <TR> tag.

SYNTAX: <TD

ALIGN = "Center | Left | Right"

VALIGN = "Bottom | Top | Middle"

BGCOLOR = "Color">...</TD>

Attributes of the <TD> tag:

- **ALIGN**-It specifies the horizontal placement of the content of a table cell. Center – it centres the content within the cell. Left- It aligns the contents with the cell's left edge (default). Right- It aligns the content with the cell's right side.
- **VALIGN**- It specifies the vertical placement of the content of the cell. Bottom- It aligns the content with the cell's bottom. Middle- it centres the content within the cell (default). Top- It aligns the contents with the cell's top.
- **BGCOLOR** – It sets the default background Colour of a table cell. Value can be Colour name or Colour code. The attributes of <TD> tag will replace the attributes of <TR> tag, if used.

The <TH> tag: The <TH> tag is used to create headings in a table.(Con).This tag specifies a table cell whose contents are usually displayed in a bolder font than those of the regular table cells. They are used to create column and row headings. The attributes of this tag is same as for <TR> and <TD> tags. The only difference between <TD> and <TH> tag is that the text comes in normal font in <TD>,while it comes in the bold font in <TH> tag.

SYNTAX: <TH>

ALIGN = "Center | Left | Right"

VALIGN = "Bottom | Middle | Top"

BGCOLOR = "Colour"

NOWRAP >...</TH>

Attributes Of the <TH> tag:

- **ALIGN:** It specifies the horizontal placement of the heading in the table cell.

Center – it centres the content within the cell Left – it aligns the content with the cell's left edge (default) Right – It aligns the content with the cell's right side.

- **VALIGN** – It specifies the vertical placement of the content of the cell.

Bottom – It aligns the content with the cell's bottom

Middle – It centres the content within the cell (default).

Top – It aligns the content with the cell's top.

- **BGCOLOR = "Colour"** : It sets the background color of the table headings.
- **NOWRAP** – It specifies that the lines within a cell cannot be broken. i.e. they do not wrap onto the next line.

The CAPTION Element.(Con).It gives caption of the table. The <CAPTION> tag is placed within the <TABLE> tag but not inside the <TD> or the <TR> tags, which indicates table cells and table rows, respectively.

SYNTAX: <CAPTIONALIGN = "Bottom | Top">...</CAPTION>

Attributes of <CAPTION> :

- **ALIGN** – It specifies the placement of the table caption. Bottom – It places the caption at the bottom of the table. Top – It places the caption at the top of the table. It is default setting.

OTHER Attributes of <TD> and <TH>

- **COLSPAN** – This attribute is used to merge two or more columns in a row.
- **ROWSPAN** – This attribute is used to merge two or more rows into a single row.