

<!DOCTYPE html >

<html lang = "en">

<head>

- \* character set UTF-8 Unicode transforming format (standard format)

<meta charset = "UTF-8">

- \* proper visible to all screen sizes

<meta http-equiv = "x-UA-compatible" content = "IE=edge">

<meta name = "viewport" content = "width=device-width, initial-scale=1.0">

<title> Document </title>

</head>

<body>

- \* paired tags - 1) opening tags  
2) closing tags

- \* singleton tag - opening tag / self closing tag.

- \* element - 1) block level - tags h1, p, br, hr, summary, details.

2) Inline level - tags b, u, i, mark, span, sub, sup.

<h1> heading

<sup>

<b> bold text

<sub>

<i> italic text

<br> break line

<summary> summary info

<hr> horizontal line

<details> detail info

<u> underline text

<span> inline text attach

<mark> highlight text

<pre> display as we write

Mathematical expression

- `<a href=" " ></a>` <sup>values</sup>

`<a href=" " style=" " > </a>`

css property.

- \* Relative path - Fetch files to the current folder using (./) and (../) = go back to the previous folder.

- \* network protocols - <https://> , <http://>

- \* `<img src="" alt="" >` - opening & closing tag.
- ↓                  ↓
- (assign path)      (alternate text when image is not loaded)

- \* `<img src="" alt="" />` - without closing tag.



\* **marquee tag** use to show headlines / slideshow

Attributes - 1) direction = "right/left/up/down" (left - default value)

2) behavior =

values -

1) **alternate** - move to direction and dir return.

2) **slide** - move to right and stop

3) **scroll** - (default)

3) scroll amount - increase speed amount of marquee tag.

4) scroll delay - default value "85" time to decrease speed of marquee tag.

5) loop = "2" set how many time repeat

\* **List tag** - describe the list

**ordered List**

Attributes - **Types** :- "1, A, a, I, i" -- values

**start** :- "1" -- values

**Unordered List**

Attributes - **Types** :- disc (default) (o)

square (s)

circle (c)

## \* Definition List

<dl> description list / Definition list  
 <dt> definition title </dt>  
 <dd> definition description </dd>  
 </dl>

## \* Nested List - list inside list

\* Databases  
 1) Relational Database  
 2) Non-Relational Database

\* Relational Database - MySQL (Table format)

\* Non-Relational Database - MongoDB (key value pair)

\* Mkdir - make directory

\* cd - change directory

\* del tag - to show deleted text in paragraph.

\* <table> tag used to show reports.

<table>

<tr> - table row

<th> table heading </th>

</tr>

</table>

<tr> table row

<td> table data </td>

</tr>



## \* <table> tag

### \* Attributes:

- 1) border = "1"
- 2) width = "100%"
- 3) height = "300"
- 4) cellpadding = "0" - Gives outside spacing
- 5) cellspacing = "10" - Gives inside spacing.
- 6) colspan = "5" - help to merge the column and affect to current row.
- 7) rowspan = "2" affect to the new row (next row)

### \* table-layout: Fixed

## \* <iframe> tag: Used to third party website

Use

- 1) integrate map
- 2) import local files
- 3) import youtube videos.

Some website have high security so refuse to connect

## \* <div> tag. It is a block level element

- 1) Helps to build layout of web page
- 2) divide into boxes
- 3) Give the partitioning of web page

Float - Adjust the box to the nearest specified element.

class Attribute it is a reusable element (multiple times)  
parent - height px      child - height %

- \* clear : left , right
- \* display : flex ; replacing with float
- \* justify-content : center ; It will be shifted items horizontally center (x-axis)
- \* align-items : center ; It will be shifted items vertically center (y-axis)
- \* text-decoration : none ; It is used in text underline (in anchor tag)
- \* font-size : 10px ; It is used to set size of font
- \* font-weight : bold ; It is used to set weight of font
- \* form creating.
- \* Fieldset → Legend → label
- \* Radio button for Male or female
- \* Path (URL)
- \* https / http - Network protocols
- \* www . Google . com - Domain



\* search - pathname.

\* ? - query/search keywords.

\* \$ - variables.

### Get and post method.

\* Get - pass the string and Integer values.

- It is not secure

- In this Get method we can't share personal data.

\* post - In this method we can share personal data.

- It is secure

### Application form.

\* attributes - action, method, enctype, for, type, id, name, value

\* other - placeholder, value, readonly, disable, multiple, required, autofocus.

\* creating Dropdown.

select → options

optgroup → options

\* semantic element - it is a meaningful tag.

\* non-semantic element - meaningless.

\* semantic elements - nav, header, footer, section, aside

\* non semantic element - div, span.

\* semantic element ① To build layout of html page to navigate user easily.

② To understand developer in which section we are working.



## \* Audio or video importing

\* Attributes - src, width, height, controls

\* types of video - mp4, webm, wav, ogg.

## \* progress bar.

attributes - max = 100

value = 50

\* embed tag - To import document files.

\* svg & canvas

- defines container for svg graphics

- several methods for drawing path, boxes, circles, text, graphics image.

- need of javascript.

\* HTML

\* 2.0 launched in 1991

\* 4.0 launched in 1997

\* 4.1 launched in 1999

\* After the 1999 Tim burners Lee are released  
B version of HTML in 2013.

\* In 2014 released HTML5 latest version of  
HTML