**Heading tags:** h1 to h6

**Paragraph :** <p></p>

**Comments :** <! -- Hello this is comments -->

**Align paragraph**: left, right, center

**Line breaks and horizontal rules** : <br/>, <hr/>

**Fonts (color, size, face) :** <font color=red></font>, <font size=1></font>

**Font styles :** <b></b>, <i></i>, <u></u>

**Hyperlinks or anchor :** <a hrf="path of the page.html"></a>

**Image :** <img src="page of the image"></img>

**Order list and unordered list :** <ol></ol>, <ul> <li type="clircle"></li></ul>

<Center> tag

**Difference between html 4.01, xhtml 4.01**

**Types of document types?**

<div> division , <span>

<em>, <strong>, <mark>, <address>

**Meta tags**

<meta name="title" content="this will appear in google search results as a heading "/>

<meta name="description" content="this will appear in google search results as a paragraph "/>

<meta name="keyword" content="keyword of the search results"/>

<meta name="author" content="display owner of the page"/>

<meta name="viewport" content="width=device-width, initial-scale=1"> : Mobile devices

<meta charset="utf-8"> : it will special charcter as a html.

<meta/> refresh, robots

**Text links like**: \_blank, \_self, \_parent

**Email links** <a href="mailto:abc@gmail.com">send to me</a>

**Frameset**

**Iframes**

**Multimedia codes** : <embed src="" width="100%" height="60"></embed>

**<Marquee>**

**Deprecated elements html4**

**Tables**

table headings :

table Rows :

Table datd :

Empty data :

table width and height :

Table cellspacing and cell padding

Table bgcolor

Table colspan

table valign

**Form fields**

<form action="" method=""></form>

input type="text"

size="20" : reset after 20 charcter

maxlength="10" : Maximum 10 chartecter

min="1" max="5"

Pattern:

Placeholder:

required:

Input type="password"

Input type="radio"

Input type="checkbox"

Input type="submit"

Input type="button"

Input type="number"

Input type="tel"

input type="url"

Input type="date"

Input type="month"

Input type="range"

Input type="search"

Input type="time"

Input type="week"

type="image"

text area : <textarea name="message" rows="10" cols="30"></textarea>

Button : <button type="button" onclick="alert('Hello World!')">Click Me!</button>

**Dropdown and data list:** <seclect><option>1</option></select>, <datalist id="browsers"><option value="Internet Explorer"></datalist>

disabled

novalidate : stops the validation

autofocus : focus on particular filed

multiple attribute :

**HTML 5:**

Single doctype

New simatic tags added: header, footer, figure, section, article, nav,

Aside: Defines content aside from the page content

Figure: Img, digarams, photos

Header: Defines a header for the document or a section

main: Defines the main content of a document

nav : Defines navigation links in the document

Section: Defines a section in the document

**Graphic elements:**

Canvas : <canvas> element is used to draw graphics on a web page, Game application

SVG : Scalable Vector Graphics, SVG has several methods for drawing paths, boxes, circles, text, and graphic images.

**Form elements:**

<datalist> : Defines pre-defined options for input controls

The purpose of the <keygen> element is to provide a secure way to authenticate users.

<output> : element represents the result of a calculation (like one performed by a script).

**input elements :** email, time ,date, calender, month, week, year

**Media elements:** audio, video

**HTML 5 API:**

Geolocation: HTML Geolocation API is used to get the geographical position of a user.

Local stroage : it will strore the data in local browser.

Application cache : which means that a web application is cached, and accessible without an internet connection.

Web workers : A web worker is a JavaScript running in the background, without affecting the performance of the page.

Drag and drop : when you "grab" an object and drag it to a different location.

SSE : Sent Events allow a web page to get updates from a server.