***HTML Coding Notes Document***

*HTML TAG LIST*

1. Heading tag

2. Text formatting tag

3. Font tag

4. Image tag

5. Table tag

6. List tag

7. Marquee tag

8. Anchor tag

9. Form tag

<!DOCTYPE html>

<html>

    <head>

        <title>Ak Mass</title>

    </head>

    <body>

        <!--Commend line

        2-types of HTML Tags

        i: Container Tag-opening & Closing

        ii: Stand alone Tag-opening only

        eg; <br> <hr>

        6-Types of Heading Tags in HTML-->

    <b><u>1. Heading Tags in HTML</u></b>

        <h1>Heading-1</h1>

        <h2>Heading-2</h2>

        <h3>Heading-3</h3>

        <h4>Heading-4</h4>

        <h5>Heading-5</h5>

        <h6>Heading-6</h6>

        <hr>

    <b><u>2. Text Formating Tags in HTML</u></b>

        <!-- <p>=Pharagraph

        align=left, right, center,justify-->

        <p align="center">

           Google is an American multinational technology company focusing on online advertising, search engine technology, cloud computing, computer software, quantum computing, e-commerce, artificial intelligence,[9] and consumer electronics. It has been referred to as "the most powerful company in the world"[10] and one of the world's most valuable brands due to its market dominance, data collection, and technological advantages in the area of artificial intelligence.[11][12][13] Its parent company Alphabet is considered one of the Big Five American information technology companies, alongside Amazon, Apple, Meta, and Microsoft.

        <br>

        Google was founded on September 4, 1998, by Larry Page and Sergey Brin while they were PhD students at Stanford University in California. Together they own about 14% of its publicly listed shares and control 56% of its stockholder voting power through super-voting stock. The company went public via an initial public offering (IPO) in 2004. In 2015, Google was reorganized as a wholly owned subsidiary of Alphabet Inc. Google is Alphabet's largest subsidiary and is a holding company for Alphabet's Internet properties and interests. Sundar Pichai was appointed CEO of Google on October 24, 2015, replacing Larry Page, who became the CEO of Alphabet. On December 3, 2019, Pichai also became the CEO of Alphabet.

        <br>

        The company has since rapidly grown to offer a multitude of products and services beyond Google Search, many of which hold dominant market positions. These products address a wide range of use cases, including email (Gmail), navigation (Waze & Maps), cloud computing (Cloud), web browsing (Chrome), video sharing (YouTube), productivity (Workspace), operating systems (Android), cloud storage (Drive), language translation (Translate), photo storage (Photos), video calling (Meet), smart home (Nest), smartphones (Pixel), wearable technology (Pixel Watch & Fitbit), music streaming (YouTube Music), video on demand (YouTube TV), artificial intelligence (Google Assistant), machine learning APIs (TensorFlow), AI chips (TPU), and more. Discontinued Google products include gaming (Stadia), Glass,[citation needed] Google+, Reader, Play Music, Nexus, Hangouts, and Inbox by Gmail.

        <br>

        Google and YouTube are the two most visited websites worldwide followed by Facebook and Twitter. Google is also the largest search engine, mapping and navigation application, email provider, office suite, video sharing platform, photo and cloud storage provider, mobile operating system, web browser, ML framework, and AI virtual assistant provider in the world as measured by market share. On the list of most valuable brands, Google is ranked second by Forbes[18] and fourth by Interbrand.[19] It has received significant criticism involving issues such as privacy concerns, tax avoidance, censorship, search neutrality, antitrust and abuse of its monopoly position.

        </p>

        <!--

        <br>-using a space of break

        <hr>-using a horizontal dot line

        <b>-bold, <u>-underscore, <i>-italic, <s>-strick out,

        (sub script & super script)-using in maths

        <pre>-using a excatly same space dito pharagraph

        -->

        <b>Ak Mass</b><br>

        <i>Ak Mass</i><br>

        <u>Ak Mass</u><br>

        <s>Ak Mass</s><br>

        <tt>Ak Mass</tt><br>

        <strong>Ak Mass</strong><br>

        <small>Ak Mass</small><br>

        <h3>H<sub>2</sub>O</h3>

        <h3>a<sup>2</sup>+b<sup>2</sup></h3>

        <pre>

        Ak Mass

            Ak Mass

                Ak Mass

        </pre>

        <hr>

    <b><u>3. Font Tags in HTML</u></b>

        <!--

        face=arial, roboto, calibri, algerian

        size= 3, 5, 10

        colour= red, green, blue etc... -->

        <font face="algerian" size="4" color="blue">

        <p>

            Lorem ipsum dolor sit amet consectetur adipisicing elit. Quaerat commodi repudiandae iste, alias animi illum? Autem laborum nisi optio amet quam, maxime vel officiis ipsa porro est in qui eligendi ab quod. Ea inventore autem enim iusto perspiciatis eaque necessitatibus, dolore, minima, ullam eveniet pariatur ipsam. Atque aperiam culpa aliquid autem a perspiciatis explicabo deleniti labore impedit accusantium aspernatur eaque, veritatis ipsa laudantium doloremque ea nobis tempore sint placeat assumenda harum omnis. Rem adipisci excepturi minima rerum aperiam officia eum quas eius quidem, accusamus fugiat sit dignissimos officiis asperiores unde illum, temporibus ipsa, similique facere voluptatibus. Pariatur, cumque! Distinctio amet omnis est illo aspernatur, labore accusantium voluptas corrupti quo eum earum cupiditate dolore vitae! Tempora ratione esse omnis, aspernatur inventore praesentium, mollitia animi eligendi ipsa voluptate nam modi sed illo recusandae minima aut qui. Omnis beatae libero accusantium a, consequatur nulla aliquid magnam rerum dignissimos dicta, recusandae eaque! Fugiat, omnis.

        </p>

        </font>

        <hr>

    <b><u>4. Image Tags in HTML</u></b>

        <!--(same location on html document & images and its works)-->

        <br><br>

        <img src="images/a1.jpg" alt="no image" height="250px" width="250px">

        <img src="images/a11.jpg" alt="no image">

        <hr>

    <b><u>5. Table Tags in HTML</u></b>

        <!--

            cellpadding= inside box

            cellspacing= outside box

            tr- table row

            tc- table cloumn

            td- table data

            colspan- column merge

            rowspan- row merge

        -->

        <br><br>

    <table border="2px" cellpadding="10px" cellspacing="10px">

        <tr>

            <td colspan="6" align="center"><u><h3>SCHOOL TIME TABLE</h3></u></td>

        </tr>

        <tr>

            <th>DAYS</th>

            <th>1</th>

            <th>2</th>

            <th rowspan="6">B<br><br>R<br><br>E<br><br>A<br><br>K</th>

            <th>3</th>

            <th>4</th>

        </tr>

        <tr>

            <td>MONDAY</td>

            <td>TAMIL</td>

            <td>ENGLISH</td>

            <td>MATHS</td>

            <td>SCIENCE</td>

        </tr>

        <tr>

            <td>TUESDAY</td>

            <td>ENGLISH</td>

            <td>MATHS</td>

            <td>SCIENCE</td>

            <td>S-SCIENCE</td>

        </tr>

        <tr>

            <td>WEDNESDAY</td>

            <td>MATHS</td>

            <td>SCIENCE</td>

            <td>S-SCIENCE</td>

            <td>TAMIL</td>

        </tr>

        <tr>

            <td>THURSDAY</td>

            <td>SCIENCE</td>

            <td>S-SCIENCE</td>

            <td>TAMIL</td>

            <td>ENGLISH</td>

        </tr>

        <tr>

            <td>FRIDAY</td>

            <td>S-SCIENCE</td>

            <td>TAMIL</td>

            <td>ENGLISH</td>

            <td>MATHS</td>

        </tr>

    </table>

        <hr>

    <b><u>6. List Tags in HTML</u></b>

        <!--

        unorder list type

        disc

        circle

        square -->

      <h4>Unorder List</h4>

        <ul type="circle">

            <li>C Programming</li>

            <li>C++</li>

            <li>JAVA</li>

            <li>HTML</li>

            <li>CSS</li>

        </ul>

        <!--

        order list type

        1

        A

        a

        I

        i -->

      <h4>Order List</h4>

        <ol type="1">

            <li>Sunday</li>

            <li>Monday</li>

            <li>Tuesday</li>

            <li>Wednesday</li>

            <li>Thursday</li>

            <li>Friday</li>

            <li>Saturday</li>

        </ol>

        <hr>

    <b><u>7. Marquee Tags in HTML</u></b>

        <!--

        behavior= scroll, slide, alternate.

        direction= left, right, up, down.

        loop= how many times (run) works

        scrollamount= increase speed (default=6)

        scrolldelay= decrease speed (it works slow)

        -->

        <br>

    <marquee bgcolor="skyblue" loop="3"

        behavior="scroll" direction="right"

        scrollamount="6" scrolldelay="1"

        height="" width="">

        <img src="images/a1.jpg" alt="no image">

        <br>

            Ak Mass

    </marquee>

    <hr>

    <b><u>8. Anchor Tags in HTML</u></b>

        <!--

        anchor tag

        <a href= self(default), no need mention this one.

        target=\_blank,

        <iframe src="" name="eg any name"> </iframe>

        target=eg any name

        -->

        <br><br>

        <a href="sample.html">sample File</a>

        <br><br>

        <a href="sample.html" target="\_blank">sample File</a>

        <br><br>

        <a href="sample.html" target="trail box">sample File</a>

        <br><br>

        <iframe src="" name="trail box" height="500px" width="800px"> </iframe>

        <hr>

    <b><u>9. Form Tags in HTML</u></b>

        <br><br>

        <fieldset>

            <legend>Registration Form</legend>

        <form>

                First Name: <input type="text" name="firstname" placeholder="Enter your first name">

                <br><br>

                Last Name: <input type="text" name="lastname" placeholder="Enter your last name">

                <br><br>

                Email ID: <input type="email" name="email" placeholder="Enter your email id">

                <br><br>

                Password: <input type="password" name="password">

                <br><br>

                Mobile Number: <input type="number" name="mobilenumber">

                <br><br>

                Date of Birth: <input type="date" name="dateofbirth">

                <br><br>

                Gender:

                <input type="radio" name="gender" value="Male">Male

                <input type="radio" name="gender" value="FeMale">Female

                <input type="radio" name="gender" value="Others">Others

                <br><br>

                Sports Activity:

                <input type="checkbox" name="Cricket" value="Cricket">Cricket

                <input type="checkbox" name="Hocky" value="Hocky">Hocky

                <input type="checkbox" name="Carrom" value="Carrom">Carrom

                <input type="checkbox" name="Chess" value="Chess">Chess

                <input type="checkbox" name="Tennis" value="Tennis">Tennis

                <br><br>

                Choose Your City:

                <select>

                <option value="Thiruvannamalai" name="Thiruvannamalai">Thiruvannamalai</option>

                <option value="Chennai" name="Chennai">Chennai</option>

                <option value="Bangalore" name="Bangalore">Bangalore</option>

                <option value="Vellore" name="Vellore">Vellore</option>

                <option value="Trichy" name="Trichy">Trichy</option>

                <option value="Goa" name="Goa">Goa</option>

                <option value="Tirupathi" name="Tirupathi">Tirupathi</option>

                </select>

             <br><br>

                Description:

                <textarea name="Description"></textarea>

                <br><br>

                File Upload:

                <input type="file" name="fileuploaded" multiple>

                <br><br>

                <input type="submit" value="Submit">

                <input type="reset" value="Reset">

                <br><br>

                <button>save</button>

                <input type="color">

                <input type="range">

            </form>

        </fieldset>

        <hr>

    </body>

</html>

**NOTES**

HTML - hyper text markup language

Not a programming language

Markup languge for webpage/documents

no logic, no program, just skeleton.

Building block=every website in the world

.html

Index.html

eg: www.fb.com index.html

www.fb.com/about about.html

--------------------------------------------------------------------------------------------------------------------------------------

index.html

HTML SAMPLE FORMATE:

<!DOCTYPE html>

<html>

<head>

<title> </title>

</head>

<!--Commend line-->

<body>

<h1>Heading</h1>

<p>Pharagraph<p>

</body>

</html>

--------------------------------------------------------------------------------------------------------------------------------------

ctrl+U = view sourecode

ctrl+f12 = view set of tools

HTML page structure:

<> </>

<!DOCTYPE HTML> for html5

Inline : <span> ,<img> ,<a>

Block level elements : <div>, <h1> to <h6>

--------------------------------------------------------------------------------------------------------------------------------------

<br> -creating a empty space(stand alone tag)

<hr> -printing harizantal line(Harizandal line tag)

<a href ="link"> </a>

<a href ="link" \_target=blank> </a>

--------------------------------------------------------------------------------------------------------------------------------------

LIST TAG 2-TYPES

i-Order List

ii-Unorder List

<!--LIST-->

<ul>

<li>.....</li>

<li>.....</li>

<li>.....</li>

</ul>

<ol>

<li>.....</li>

<li>.....</li>

<li>.....</li>

</ol>

--------------------------------------------------------------------------------------------------------------------------------------

<!--Tables-->

<table>

<head>

<tr>

<th>.....</th>

<th>.....</th>

<th>.....</th>

</tr>

</head>

<body>

<tr>

<td>.....</td>

<td>.....</td>

<td>.....</td>

</tr>

<tr>

<td>.....</td>

<td>.....</td>

<td>.....</td>

</tr>

</body>

</table>

--------------------------------------------------------------------------------------------------------------------------------------

<!--Forms-->

<form action="next.php" method="POST">

<div>

<label>Name</label>

<input type="text" name="name" placeholder="first name">

</div>

<br>

<div>

<label>Dob</label>

<input type="date" name="date">

</div>

<dr>

<div>

<label>Phone number</label>

<input type="number" name="pno">

</div>

<br>

<div>

<label>Password</label>

<input type="password" name="psw">

</div>

<br>

<div>

<label>Gender</label>

<select>name="gen">

<option value="male">male</option>

<option value="female">female</option>

<option value="others">others</option>

</select>

</div>

<br>

<div>

<label>Message</lable>

<textarea></textarea>

</div>

<input type"submit" name="submit" value="submit">

<button>save</button>

<br>

<a href="folder name/image.jpg">

img src="folder name/image.jpg" alt="no image" width="200" height="200">

</a>

</form>

++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++

**1. Heading Tags in HTML**

**Heading-1**

**Heading-2**

**Heading-3**

**Heading-4**

**Heading-5**

**Heading-6**

**2. Text Formating Tags in HTML**

Google is an American multinational technology company focusing on online advertising, search engine technology, cloud computing, computer software, quantum computing, e-commerce, artificial intelligence,[9] and consumer electronics. It has been referred to as "the most powerful company in the world"[10] and one of the world's most valuable brands due to its market dominance, data collection, and technological advantages in the area of artificial intelligence.[11][12][13] Its parent company Alphabet is considered one of the Big Five American information technology companies, alongside Amazon, Apple, Meta, and Microsoft.  
Google was founded on September 4, 1998, by Larry Page and Sergey Brin while they were PhD students at Stanford University in California. Together they own about 14% of its publicly listed shares and control 56% of its stockholder voting power through super-voting stock. The company went public via an initial public offering (IPO) in 2004. In 2015, Google was reorganized as a wholly owned subsidiary of Alphabet Inc. Google is Alphabet's largest subsidiary and is a holding company for Alphabet's Internet properties and interests. Sundar Pichai was appointed CEO of Google on October 24, 2015, replacing Larry Page, who became the CEO of Alphabet. On December 3, 2019, Pichai also became the CEO of Alphabet.  
The company has since rapidly grown to offer a multitude of products and services beyond Google Search, many of which hold dominant market positions. These products address a wide range of use cases, including email (Gmail), navigation (Waze & Maps), cloud computing (Cloud), web browsing (Chrome), video sharing (YouTube), productivity (Workspace), operating systems (Android), cloud storage (Drive), language translation (Translate), photo storage (Photos), video calling (Meet), smart home (Nest), smartphones (Pixel), wearable technology (Pixel Watch & Fitbit), music streaming (YouTube Music), video on demand (YouTube TV), artificial intelligence (Google Assistant), machine learning APIs (TensorFlow), AI chips (TPU), and more. Discontinued Google products include gaming (Stadia), Glass,[citation needed] Google+, Reader, Play Music, Nexus, Hangouts, and Inbox by Gmail.  
Google and YouTube are the two most visited websites worldwide followed by Facebook and Twitter. Google is also the largest search engine, mapping and navigation application, email provider, office suite, video sharing platform, photo and cloud storage provider, mobile operating system, web browser, ML framework, and AI virtual assistant provider in the world as measured by market share. On the list of most valuable brands, Google is ranked second by Forbes[18] and fourth by Interbrand.[19] It has received significant criticism involving issues such as privacy concerns, tax avoidance, censorship, search neutrality, antitrust and abuse of its monopoly position.

**Ak Mass**  
*Ak Mass*  
Ak Mass  
~~Ak Mass~~  
Ak Mass  
**Ak Mass**  
Ak Mass

**H2O**

**a2+b2**

Ak Mass

Ak Mass

Ak Mass

**3. Font Tags in HTML**

Lorem ipsum dolor sit amet consectetur adipisicing elit. Quaerat commodi repudiandae iste, alias animi illum? Autem laborum nisi optio amet quam, maxime vel officiis ipsa porro est in qui eligendi ab quod. Ea inventore autem enim iusto perspiciatis eaque necessitatibus, dolore, minima, ullam eveniet pariatur ipsam. Atque aperiam culpa aliquid autem a perspiciatis explicabo deleniti labore impedit accusantium aspernatur eaque, veritatis ipsa laudantium doloremque ea nobis tempore sint placeat assumenda harum omnis. Rem adipisci excepturi minima rerum aperiam officia eum quas eius quidem, accusamus fugiat sit dignissimos officiis asperiores unde illum, temporibus ipsa, similique facere voluptatibus. Pariatur, cumque! Distinctio amet omnis est illo aspernatur, labore accusantium voluptas corrupti quo eum earum cupiditate dolore vitae! Tempora ratione esse omnis, aspernatur inventore praesentium, mollitia animi eligendi ipsa voluptate nam modi sed illo recusandae minima aut qui. Omnis beatae libero accusantium a, consequatur nulla aliquid magnam rerum dignissimos dicta, recusandae eaque! Fugiat, omnis.

**4. Image Tags in HTML**

**5. Table Tags in HTML**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **SCHOOL TIME TABLE** | | | | | |
| **DAYS** | **1** | **2** | **B  R  E  A  K** | **3** | **4** |
| MONDAY | TAMIL | ENGLISH | MATHS | SCIENCE |
| TUESDAY | ENGLISH | MATHS | SCIENCE | S-SCIENCE |
| WEDNESDAY | MATHS | SCIENCE | S-SCIENCE | TAMIL |
| THURSDAY | SCIENCE | S-SCIENCE | TAMIL | ENGLISH |
| FRIDAY | S-SCIENCE | TAMIL | ENGLISH | MATHS |

**6. List Tags in HTML**

**Unorder List**

* C Programming
* C++
* JAVA
* HTML
* CSS

**Order List**

1. Sunday
2. Monday
3. Tuesday
4. Wednesday
5. Thursday
6. Friday
7. Saturday

**7. Marquee Tags in HTML**  
  


**8. Anchor Tags in HTML**  
  
[sample File](file:///C:\Users\Deepu-AK\Desktop\Documents\sample.html)  
  
[sample File](file:///C:\Users\Deepu-AK\Desktop\Documents\sample.html)  
  
[sample File](file:///C:\Users\Deepu-AK\Desktop\Documents\sample.html)

**9. Form Tags in HTML**  
  
Registration Form

Top of Form

First Name:   
  
Last Name:   
  
Email ID:   
  
Password:   
  
Mobile Number:   
  
Date of Birth:   
  
Gender: Male Female Others  
  
Sports Activity: Cricket Hocky Carrom Chess Tennis  
  
Choose Your City:                                                                                                                          
  
Description:   
  
File Upload:   
  
   
  
save

Bottom of Form

++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++

==================================================================

**MEDIA QUERIES:**

#Media Queries: use to create responsive website for different sizes from mobile to desktop.

--------------------------------------------------------------------------------------------------------------------------------------

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

/\* phone and mobile \*/

@media (max-width:480px){}

/low resolution tablet and ipad/

@media (min-width:481px) and (max-width:767px){}

/portrait mode tablet and ipad/

@media (min-width:768px) and (max-width:1024px){}

/laptop/

@media (min-width:1025px) and (max-width:1280px){}

/large screen/

@media(min-width:1281px){}

--------------------------------------------------------------------------------------------------------------------------------------

==================================================================