**01 HTML (Hyper Text markup language):**  
HTML is the language of the web . It is used to create website. We used HTML tags to define look and feel of website.

**02** **Index.html** is a special name of the file that tell the browser anybody open the website first start the index.html page

03 Emet code ( emet : is a tool that help us to write html ccs code write)

**04 <DOCTYPE HTML>**: this tag tells the person used html 5.

<Html> tag is a root of an html element which act container to hold all the code.

**Head tag**

Contain the information about the html document

In this tag something we write mostly work browser and search engine but work as user but more utilize browser and SCO. / General information about page.

**<Body>**

Contain everything you want to display on the webpage

Everything written here will be display in the browser.

**05 <meta >** data ka be data e.g. title, description, sco; data about data

**06 <mt tag>** are those tag which can’t be closed it is also called tag itself

07 Html element =start tag+ content +end tag

08 Code is read the browser view the user called parsing.

09 Html attributes are used to add more information corresponding to an html tag

10 anchor tag are those tag when click on anchor tag we go to other location

11 **absolute link** are those link which tell the browser to go the website that is in the internet (e.g. <a href=”htpps://www.google.com”>click here to go about</a>)

12 **relative links** are those links the browser tell the server to open a file in a server that opens (e.g. <a href=”about”>click here to go about</a>)

Id is unique identify of html

Formatting text

<details>tag is use to expand or collapse text in this tag the <summary> tag is used to when we show some text on the screen then we used <summary> tag other text show using collapse. E,g<details><summary>faizan</summary>ali

<b> or <strong> tag is used to bold a line

<i>tag is used to italic a text

<u> tag is used to underline in text

<big> tag is used to big a text

<Small> tag is used to small a text

<br> tag is used to end the line

<hr> tag is used to draw a horizental line

<sub> subscript tag is used to write a text baseline

<sup> superscript tag is used to write a text in power form

<pre> tag is used to write a tex A to Z as well as balank space and symbol

<header>tag is used to make navigation bar

<main>tag is used to write a main content on a website

<section> when we used section tag it mean a particular of the website we can see the user

<article> article tag is used when we write article and focus to one point of article then we used article tag.

<Aside> tag used to adds such as Google adds fb adds so on

<Footer >tag is used to write a last line of website

<a href=”” target =”main”>> target=main, blank is used to when we want a our website to open on next tap

<div> Is used as a container for other element, div is block element .always takes full width

<span> is a inline element .always takes width that is required

<Strong> and <b>tag is similar the tag is used to in paragraph the differenvce b/w the <b>and<strong> when we used strong tag it tell that this is a strong value in tthis paragraph.but <b>tg tell that this words are bold it.

<i><em>tag is similar <em>tag tell the seo to emphasis this words but<i> tag is used to only for italic

<small> tag is used to small word then other word

<mark> tag is used to mark on heading like highlitter.

<del>”delete”tag is used to croos a line on a word

<dfn> is used to write new invention

<ins>”inserted ” is used to underline it mean it add something for new

<q> or <blockquotes> “quotion ” it is used to quotion

<blockquote cite=””> is used to when we use in our website the content of author then we used author tag and it provide indent, it this tag the attribute “cite” mean the link of page when we used the content

<abbr tittle=””>tag is used to abbrivation when user hour in then the describution is show in the screen in this tag an attribute is used “title”

<adress >tag is used to give a adress for exmple “paksitan gilgit danyore”

<bdo> stand for Bi directional override it is used to tell the direction of text using direction arrtibute<bdo dir”rtl/ltr”>faizan ali<bdo>

<cite> cite mean catition tag is used when we tell about author/book the book of title is written in this tag.the html cite tag define the title of creative work (e,g book poem song ,move ,)

<marquee direction=”left,right,up,down”>tag is used to movement a text

<!-- Block Elements -->

<address><article><aside><blockquote><canvas><dd><div><dl><dt><fieldset><figcaption><figure><footer><form><h1>-<h6><header><hr><li><main><nav><noscript><ol><p><pre><section><table><tfoot><ul><video></video> -

<!-- Inline Elements -->

<a><abbr><acronym><b><bdo><big><br><button><cite><code><dfn><em><i><img><input><kbd><label><map><object><output><q><samp><script><select><small><span><strong><sub><sup><textarea><time><tt><var> -->

<ul type”circle”> stand for un oder list

<li>stand list item

<ol>stand oder list

table

<table cellspacing=””, cell padding, border-collapse: collapse> tagis used to display a table in html . it is used to display or format table **cellpading** is used to inside a space in cell. **Border-collapse: collapse** this is the property of ccs the is used to combine border.

<tr> it mean table in row

<rowspan> <clospan> are the attributes row and column are combined using these attributes

<td> mean table in data/ it include add rows

<th> mean table header

<tfoot> tag is used to when alot of list is then we used tfoot tag show a <th> in the table

<caption > tag is used to name of the table

<thead> tag is used to show a table head and it is used rapped when we style on ccs

<tbody> tag is used to show a table body and it is used rapped when we style on ccs

<th colpson=”3”> colspon is attribute that is used when we want to number three row want to one heading that we colspon

**Forms**

If the radio buttons have a name is same at a time one box is selected

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Input element: can be a text, checkbox, radio button, sect file

<form method=”get/post” action=”php”>

<Input type=”text” > <Input type=”sumit” > <Input type=”url” >

**<Form enctype=”multipart/form-data” ,multiple .read-only .disable size=”” , maxlength ,min=””, max=””,placeholder=”” ,required ,step ,autofoucs,** **auotcomplete=”on”** **name>**this attribute is included when we attached file.in this tag multiple attribute mean multiple file or selected. **Read only** attribute is used when we give a value the user can only read. Disable it freeze a form. **required** attribute is used when we write .**step** attribute is used when we want to add number by even odd and so on. **Value** is used when user write before some things is add. Autofocus is used to when we want to open form then the cursor is show .**auotcomplete=”on”** mean when the user already summit a form and when we user want to new form submit the browser show previous data on a form the user used it as hint. **Name** is used when in backend E.g. when we user input type write something the backend language take this user data as **name**

<Form> in html a form is a collection of input from the user from tag is used as form

<label for=""></label>are used when we want to click on text the radio button selected and also for used input type ”text” we want to add name(label>enter your name </label>)

<Field set> tag is used to group input form</field set>

<Legend>tag is used to add heading on border when we used **fielset** tag.

<input name”ff”>if the more input name is same then we select in one box at a time

<Input type”radio” checked value name> the **checked** attribute is used to by default check on any one attribute**. Value** is used to backend.**name** attribute is used when multiple radio and selected one all get have same name

Data list

Data list is used to when we type on search (a) we have seen related of “a” words that type of list to make data list. search here :< input type="text" name="" id="" list="fff">

        <data list id="fff">        <option value="banana"> <option value="mango">

Input type list attribute is (list =””) is used to connect to data list and data list have given **ti** id **th** id name and list name must be same.

<Select> & <option>

**<Select><datalist>the** difference between select and datalist is that datalist option is show and if i doesn’t choose then write another but select option only select option

<option selected size=””>

**In this tag the value=”” is used to store a data value name on database. Selected** attribute is used when multiple options is present we want to display by default one we used selected tag<option selected>faizan</ > <option>ali</ >.**size attribute is used when we want show multiple option on screen.** The d/f b/w selected and size is that the selected show only one option but other shows more.

<Optgroup label=””> tag is used to group option. Able show the name of group

<i frame>tag is used the YouTube to embed to website and also for embed a website on your website<iframe width="" src="" frameborder="0"></iframe>

Also used to embed another website in our website

<Video control loop mute > tag is used to add a video on website

**Head /seo**

**<Html dir=”ltr/rtl”>**

**W3c=html develop & maintain**

<meta name="description" content="this is a website">

<meta name="keywords" content="39393l,daiaqn ">

<meta name="robots " content="index/no index, no follow " the content have two part first index and second follow>

Index mean this page have read and save as database index mean page serach on browser e.g. login page

And follow mean external link show are not( again understands)

<meta name="author " content="description ">

<meta name=”viewport” content=”width=device-width, intial scale=1”>

<link rel”canonical” href”html.car”> this tag is used when we make dublicate data on single webpage then we tell the browser that have same content as home page and so on

Minify html,ccs,javascript,

Favicon generator

<link rel=”stylesheet” type”text/ccs” href”path”> add ccs

<script scr”pathname”></script>add javascript

<Noscript> this tag is used to send message when some browser to does not support javascrip ‘please enable java script’</>

Description list

<dl> tag mean description list it is used to make a list

<dt> stand description term is <dt> is similar to <li> tag but <dl> tag make list to used <dl>

<dd> tag isused to add description to <dt> tag

**Nest table**

A table in side table knows as nest table we make table in <td> tag

Embedde pdf

There are three way add pdf in html <embed><iframe><object>

   <object data="pdf/pdf 01.pdf" type="application/pdf"></object>

<embed src="pdf/pdf 01.pdf" type="application/pdf">

    <iframe src="pdf/pdf 01.pdf" type="application/pdf" width="444pix" height="555pix"></iframe>

Html entites

Some characters are used html own and how we can print / it is similar to revered word

&nbsp; &#60; this are used to get more space

Html symbol, html entities, mojos in html

Semantic element: a semantic element clearly describe its meaning both developer and browser

Twitter card tag Open graph tag

<a href”tel:743474383p”>click here to coll</a>

<a href”mailto:743474383p”>click here to coll</a>

Picture related

Image map multiple links are added in one image called image map.

Frist we add using image tag inside image tag we write usemap=’’and give a idea the we use <map > tag inside we write name=”his name is same with use map the we create new tag <area> tag inside tag we used attribute such as shape”” coords=”the we used href””

 <img src="pic/01.jpg" width="555pix" alt="" usemap="pic">

    <map name="pic">

       <area shape="rect" coords="22,77,888,555" href="www.facebook.com" target="\_blank" alt="">    </map>

<Picture> tag is used when we have a lot of format picture is used in our website the we used picture ta</picture>

<Picture>

< Source Scrset=”pic.webp”> <source Scrset=”pic.jpg” <img scr”pic/png”>

The attribute scrset mean frist you show “pic.webp” and after “pic.jpg”

</picture>

<fig caption> this tag is used to write text closed on pic<figcaption>

Form pulgns fromspree

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