Title <u>Create a web page using basic html tag</u>

Introduction :-

If the HTML days for hyper text markup language. It is the first language which is available is web design its means the basic purpose of it to develop hyper document.

Hyper text is the media use to show non-structural information in use formatting tool hyper text is the method by which move around on the is the method by clicking special text called hyperlinks which bring you to the next pages.

If website development html perform all basic function to words simple web page design-ing html programs are interpriter by web browser html program contains a set of code which embeded into the text all html tag's html embeded into the text consist of series of short code into a text file by the site inner their are the tags.

HTML Tags :-

Tag are the instruction that are the the embeded directly into the text of document by convonsion html tags are mention using opening angles (<) and closing angles (>) html tags are of too type

i) Singular tag.
ii) Paired tag.

Singular tag :-

The tag which is indivisual means which does not have ending indentifed is known as singular tag

Ex. < Br > Tag is singular tag.

ii) Paired Tags :-

A tag which represent section form means which short tag starting indicater and known as paired tag

A whole html Programme must be and close within a section that is < HTML > </HTML> in which <HTML> starting identifier are opening tag and </HTML> this ending identifier classing tag.

★ Basic Components of html :-

Every html program as a riged structure the entire web page is <b> within <html>. </html> with the tag too disting a section are created using the <head > </head> and < Body > </Body >

Structure of html Document :-

```
< html >
< head >
< title >          </ title >
</ head >
< body >
- - - - - - - -
- - - - - - - -
- - - - - - - -
< /body >
< address > - - - - - - - - </address >
</ html >
```

★ The Structure contain basic <html> like :-

1) < html > - - - - - - - - - -</html>

Every html document begings the < html> and end with </html> in notification that the html program is begin form year

< head > - - - - - - - - - - - </head>

The html document as to section being with < head > and end </head> genarally the < head > cantain only one.

< title > - - - - - - </title>

A web page could have decribes what the page about without beging to body this can be achive by using the < title > the text and close within < /title > and < /title > is appear on the title bair of the browser.

< body > - - - - - - - </body>

The body section being with < body > and in </body> in any html program the main section in which user which display to particulot data known as to current body.

< Address > - - - - - - - - </Address>

Just as a < /title > can be place in their title bar of the browser window certain in formation is commanly place at the footer of web page Ex. copy right information, contact detail of the type creater at web page and so on are the type in information tradictionary place at foot of the web page.

< Address > and </Address> should identy i.e place after the last line of the texual material of the web page.

Create html codd using different ediler :-
Open the motepad first using the following steps Click on start ⟶ All program ⟶ Accessaries ⟶ notepad

Write html code in notepad as follows :-
```
< html >
  < head >
    < title > My web page </title >
  </head>
</html>
```

ii)   The file you have savat in a notepad that you have been open in the browser open you browser and then open your html file :-

Cilent →

    Side dynamic web page it is prac with cilent side saripting such as java scr and then passed Document obeject model < D.M >

Marquee :-

HTML as introduce and interseting tag called marquee this calleses specified takes to scroll in a page with a certain direction the basic aim of web devolpes is to dsighe most first animation tag that is marquee it has the following attribute

Direction :-

By default scroll direction of marquee tag is right to left to change the direction of scrolling marquee usages direction attributes their are for value for direction that the left right, up and down.

Loop :-

Is specified how many time the marquee take coill be exicuted by default it will exicute continuously until the page is not closed.

Bg Color :-

The color specified in this attributes is appearing as background color to stream of marquee text.

Align :-

The specified how the text inclosing coth marquee tag/ stream it has tree value top /middle & bottom, by diffcult value is the middle.

⑤ Height :-
   Its specified the height of the text screen.

⑥ Scroll delay :-
   Its specified time betⁿ to diff scrolling effect

⑦ Behaviour :-
   Its specifies text behaviour means how it will scroll to the window in & direction it has time val

⑧ Alternate :-
   It create a heat and return with sterton on one side and opone heating to the other boder it reverse in the direction & relir the slervting border

⑨ Scroll :-
   This value is defaluat value scroll meany text will appear second time after the descingation side

⑩ Scroll ammount :-
   It indicates the amount of pixels that will be use to display marquee text at which movement

Explain of < Marquee > and it's attributes.

```
< html >
    < head >
< title > My Web Page < / title >
< h1 > < u > < B > Marquee tag < /B> </U> </h1>
    < /head>
    < body >
attributes of marquee
    Direction < Br >
```

```html
loop <Br>
Bg color <Br>
align <Br>
height <Br>
Scroll delay <Br>
Bheuiour <Br>
Alternate <Br>
Scroll <Br>
Scroll amount <Br>
</body>
<address> Thank you </address>
</html>
```

Title <u>Using list tag & types of list</u>

List Tag :-

     The list tag are look formatting element that define a block structure they can be nested can cantain other block level structure

     Normally that text in (Body) is display by browser in a continuous from it means it user all the text line size number will computer first lives & gives second liver for printing if user want to show the text in specific sequense like serial number, alphabet no. symbol, then html support.

  ★ The different type of list :-

   1)   Order list
   2)   Unarder list
   3)   Defination list
   4)   Nested list

1) Order list :-

     If user want to using specific sequence using no. or letter than html support this type of listing order list enclosed within <ol> _ _ _ _ _ . Every item within order list is denoted by </P>. Define with sequence user want to sign order list our attributes. i.e type is used.

     They attribute said the sequence 8th for 4th sequence

   Type = "a" (a, b, c, _ _ _ _ _)
   Type = "A" (A, B, C, _ _ _ _ _)
   Type = "1" (1, 2, 3, _ _ _)
   Type = "I" (I, II, III _ _ _) or (i, ii, iii _ _)

Start :-
Used want to start listing from any middle number then this attributes use.
< ol type = "1" start "8" >
 BCA
 BBA
 BMs

2) Unorder list :-
An unorder list contains specific indication for every new line like bullet, circle or square. Unorder list start with <ul> ... within list every item called list item & it can be denoted by <li>.
The unorder list tag has a type attribute the value are filled round (•), circle (o) & square (□).

< ul type = "fill round" >
 MCA
 MMs
 MBA

3) Defination list :-
Excepted the no of symbol sometimes user want to sign only some space the detail section of any topic means if user to print the first heading from frist space on the line and form the next the discription of that headi user left margine then html support 3rd type of list ie defination list <dl> this list always appear within <dl> ... </dl>
Defination list must punctal two or more

tag must be enclose define leading part and detail part

1) \<DT\> - (Defination term)
   1st gives topic or leading

2) \<DD\> :- (Defination discription)
   it gives description or detail heading on topic

\<DT\> computer
\<DD\> Computer is on a electronic machine \</DD
\</DT\>

Nested list :-
        User con nest serual list to created structure & can list difficult symbols to make viewing of page easily by using nested list We want to match all the commands i.e every \<ul\> must end with \<lul\>
                    RA

Title Create web page using ankhar tag

Links or linking :-

HTML allow linking for the other document as well as image linking on a section of text or an image that provides such linkage is called hyper text for hyper link or hotspot the browser distingursh or hyperlink from normal text every hyperlink

i) It's appear blue color

ii) The hyper link or image underline

iii) When the mouse courser its plays over it stand-ard arrows shape the check of hand link are created on webpage by using.

       < A > .... </A> . A stand for anchor tag. It is a paired tag only thing return between within the list tag of hyper link . There are three types of linking

1) External linking
2) Internal linking
3) Image as a hyper link

1) External linking :-

       In this type of linking user can open another file of any types :

       < A hyper: "C:|my docament |at.html ">
       Visit to my web page

       In above example visit to my web page become the hyperlink & links to another docament that is html file which is present in that directory if the file not present in the abosulate poth can specified by defaull a hyperlink. Text the user to the begining of new web page at the time it mite by nercessary to jump to a particular location within the new web page.

1) absolute
2) relative

2) Internal linking :-
        Jumping to a particular location in web p
is know as a internal linking it can be done by
using following steps.

Steps :- Mark the location to be jump is identify
        location in a page by using the name attribut
        of the <a>
Syntax :- < a name = "location name">
            < a name = "61">
        This identificy the location to a specific webpage
and a specific location on the web page to go
is required.
        Hence the webpage to jump to required locati
name follow by the "#"
        < a herf = "# location name">
for ex :-
        < a href = "# 61">

3) Image as hyper links :-
            Just as text concept as a hyper link
image can also act tag as the hyperlink anythin
include within <a> - - - - -
becomes hotspot by closing and
<img> within the <a> - - - -

        < a href = "C:\all : html">
        < img src = "c:\mickey. gif" height =50
            width = 50>

        In the above example the image mikey gif act
a hotspot or hyperlinks & heuygets to file html

Title <u>To design time table using table tag</u>

Create a web page to design time table of your college using table tag :-

Time	Mon	Tues	Wed	Thus	Fri	Sat
7.30 - 8.15	C	C	C	C	FOC	FOC
8.15 - 9.00	FOC	FOC	Alcy	Alcy	Alcy	Alcy
9.00 - 9.45	W.D	W.D	FOC	FOC	C	C
9.45 - 10.30	Alcy	Alcy	W.D	W.D	W.D	W.D

```
< html >
< head >
< title >  My time table </title >
</head> <body>
< table  height = "200" width = 200" table  border = "2"
       border color =  "black" >
< caption  align = "top" > Time table </caption>
   < tr >
< th >  Time </th>
< th >  Mon  </th>
< th >  Tues </th>
< th >  Wed </th>
< th >  Tues </th>
< th >  Fri </th>
< th >  Sat </th>
   </tr>
   < tr >
```

```html
<td> 7.30 - 8.15
<td> C
<td> C
<td> C
<td> C
<td> FOC
<td> FOC
</tr>
<tr>
<td> 8.15 - 9.00
<td> FOC
<td> FOC
<td> Alcy
<td> Alcy
<td> Alcy
<td> Alcy
</tr>
<tr>
<td> 9.00 - 9.45
<td> W.D
<td> W.D
<td> FOC
<td> FOC
<td> C
<td> C
</tr>
<tr>
<td> 9.45 - 10.30
<td> Alcy
<td> Alcy
<td> Web
<td> W.D
<td> W.D
<td> W.D.
</tr>
</table>
</body>
</html>
```

Images :-

Including image in a web page is a new dimension to be distributes of information. The image make information more attriactive becuse a picture is the meaning of thousand words including & image in a web page is quite in formate excepted by the browser. Some grophical files which are stonard for the browser are

gif :- (Graphical interchange format)
jpeg :- (Joined Photographic Export group)
png :- (Portable Network Graphics)

Before including large number by image in web page remainder than transmission speed & internet can be very slow. Image can be inserted in web page by using < img >. The < img > as follow.
attributes i) Src
ii) height
iii) width
iv) align
v) border
vi) hspace
vii) vspace

1) Src :- It define the path of address or the graphical file available con'o. machine which user want to display in web page. src attribute are compulsory for <img>

2) height :- This attribute specified the height of the image

3) align :- It control align of the text & image for that of the text & image for the text

Image. It has different values that is right to left & centre & other top, middle & bottom

4) width   This attributes specified if the width of the image

5) border   It defines wheather border width asign to image not if use a want to assign to border

6) hspace   hspace storted for horizontal space it defin amount of space to the left & right side of the image

7) vspace   Vspace stand for verticle space it defin amt of space the top & bottom

8) Alt   It indicates the text to be display when known the person & image in browser when the display at bottom or person & it indica the text be displayed image specified in the src attribute.

eg :-   <img scr=" C:|drive|world.jpeg" alt = "clickhere " align = "top" height=100 width = 200 border = 2 hspace = 5 >
This is a image

Audio & Video :-

You can insert the video & audio to your webpage by either providing link to the file or imbeded them directly into html page before the adoption of html. There was no standard. for showing video across multiple browser video could only be played with a "plug int" like above flash now ever different a new element the <video> element that does not required a plug into play video files the <video> element is supported by most of the standard browser use today.

The same can be said for audio files with the new <audio> element is good for plug in with most browser

Even through modem browser support the <video> & <audio> element it is a good idea to have foll Dack for audio & video files using the elements in consuction with the <audio> & <video> element.

The easiest way to display video with out having to worry about browser support is to use you tube to view your video as your file video to your video. the benifit to the this is two fold, you save space on your server & youtube videos.

Discription :-

Autoplay :- This bulets attributes is specified the video will automotically being to play back as soon as it can do so without stopling to finish loading the data

Autobuffer :- This too lern attribute is specified the video will automatically being buffering even it It's not set to automatically

Controls :- If this attributes present it will all the user to control video play back including volume seeding & pause/ resume playback

Height :- The attributes specified the height of vid display area in css pixcols

Src :- This is optional specified you may insted the <src> element within the video block to specify the video embed

Weidth :- This attribute specifies the width of the videos display area in css pixcels

example :-

```
        <html>
        <head>
    <title> my video  Page </title>
        </head>
        <body>
<video  height = 300, width = 300 conbols >
< src = "D:\hi mov" type = video /mp4>
    <|video>
<audio control outplay src = "D:\62 mps">
        type = "audio| mpeg" >
    < /audio >
+Hello
    </body>
    </html>
```

Expt. No. ___8___   Date : _____

Title _Create web page using < frameset > tag_

Frame set tag :-

      The framset tag is take a container type that is it must be open & close the splitting of a browser screen is to two frame is done within < frameset > . . . . </ frameset >
The < frameset > contains following attributes.

1) Rows :- It is used to divides browser screen into multiple rows screen into multiple row depending on the requirement size of user the value of catch rows can be given in free different forms.

      A Into number of pixcel be express as persentage of the screen resolution c. The syntax " * " independing

Cols :-   It is used to create on divided screen into number of coloumns. The value of colamn can be given in this different form -
  a) into no. of pixcel.
  b) express in the percentage
  c) the symbol " * " including remaining

Border :- The show divide or boundry of each frame this attributes must be specified in < frameset >

Border color :- To specify the color of border this attribute is used

* \<frame\> tag :- Frametag once a browser divided by the row horizontal & vertical section divided can be located with different html document this avoid by it is \<frame\>

\<frame\> tag attribute :- src is specified the URL universeral of the html document to be display in that frame that the name of the file is given double cotation

Scrolling :- It control the appirence of the hori-zontal & varticle scroll bar will appear will frame according to the size of html page this athibute as there value that is no

Noresize :- It display the frame missing capability.

Title Create web page using input attribute

Input attributes :-

Text :- It provide a single line foshin which the user can tied input, a text feed is created by using <input> with type = "text" The following are sub-attributes.

i) Name :- It is specify the name of text box.
ii) size :- It define the height of the text box.
iii) Maximum length :- It is used to assign limitation form text character type by the user upto
iv) value :- This attributes it's to display predefine value in the text box

2) Password :- In form there are is a specified type of text feed & password then the in user type into feel create by using <input type = "password" >

3) Check Box :- A check box is an html form object than 'behaviour & toggle which this means a check box can be a either of one step either check & uncheck box is used to written a single a specifier value in check either true or flase or "a" can be written depending upon wheather the check box is check or uncheck

For eg input type text Box
< input type = "text" name = "ti" maximum length = 25 >

For eg. input the password
<input type = "check box" name = "c1. value
Yes/No>

4) Radio :- Radio button are used to select only one form the list on option on the screen it is assactly opeside in the function of check properties of radio button element.

i) Check
ii) index
iii) length
iv) name

e.g. class < input type radio name "ri" check >

    FY BCA < br >

< Input type = radio name "ri" >

    SY BCA < br >

< Input type = radio name "ri" >

    TY BCA < br >

i) FY BCA
ii) SY BCA
iii) TY BCA

5) Button element :- An HTML button element is commonly use form object. It is generally use to triangle operopriate from level properties of button element are
i) name
ii) value

e.g. < input type = "Button" name = "6" >
             value = "bk" >

6) Submit button element :- The submit button in the special button the each data further they are

   i) name
   ii) value

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

   This will place a submit button on an html form name "sub". The submit button will display submit data when this button is press the conta of each data over from element will be sent back to a web server for further processing.

7) Reset Button element: The submit & reset button are usally use together on an html form the submit button will cause the contain of all the web server for further

8) Processing :-
        < Input type = "reset" name = "rs1"
             value = "reset">

Expt. No. __10__   Date : _____

Title __Create a web page__

Web Page :-

Web page is a document available on world wide web page are stored on server & can be viewed using a web browser.

A web page can contain huge information including text, graphics, audio, video & links. These hyper links are link to another web page

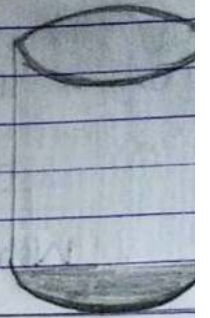Contain linsed web page & on a web server is known as web site. There is a unique Uniform Resource locator (URL) is accosiated with each web page.
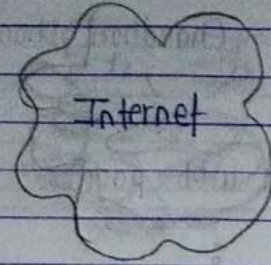
Static Web Page :-

Static web page are also known as Flat or stationary web page they are located on didn't browser are execulely they stored on the web server. Such web page to any static information only modiffe on interact with information.
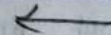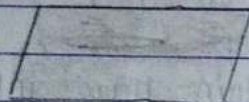
static web page are created using only html static web pages are only used when information is no more required to be modified

Request for web page :-
                                    Request for w

Internet

Web brows

Web page
Web Browser   HTML File

Client Side Dynamic Web Page :-
        It is processed using client side scr
such as Java script & then passed docur
object model < DOM >