* Introduction to HTML:- CREATE BY - ATUL KUMAR (LINKEDIN)

visible IMTH ex prolesses

Whold out - Low off.

HTML - Hyper Text Markup, Language.

- -> HTML is a markup language which provides a set of tags suitable 181 making up webpages.
- -> HTML is a scripting language 181 web pages and output of programs can be seen abler using browser
- -> HTML is a hyper text language, because it supports tont styled text, pictures, graphics and animations.
 - > The HTML documents one plain text tiles. These one created by using text editor like notepad.
- > HTML is a tag-based system. A tag is a special instruction for browser.
- → A lag is made up of lest operater (<) and a right operater (>) and a lagrame between their two operators. optionally tag name contains one of mote parameters.
- The browser won't generate any evid.

syntax:

| < lagname [porameter = value] > |
| left operator | Right operator.

Note: Don't give any space blu left operator and tograme In HTML, the enery tog can have corresponding ending tog preceded by backslash symbol.

Structure of HTML document:

All HTML documents does tollow some

It has two blocks

Head block on a straight of

Body block god do do

> Head block contains control inbolmation used by
the browser and title of the document.

-> Body block contains content that displayed on screen and tags, which controls how that content is formated by browser.

The basic HTML document is

<html>
<head>
<html dolument </fitte>
</title>
</title>
</title>
</title>
</title>
</title>
</title>
</title>
</title>
</tibody>

-> In html document, the energy long can have corresponding ending long preceded by blackslash symbol (1).

Ex:- <html> ---- </html>

Starting tog ending tog.

where first advances and not by mane out that the first

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* Basic HTML Tags :-

> <html> --- </html>

This is the basic tag of html document. By using this tag the browser can identifies the bleather it is html document 81 not.

- Supervised

< 100 hr =

christ.

> <head> --- </head>

This tag indicates the first part of HTML downent and it contains control information and title of the html downent.

> <title> --- </title> modernist and quis

It specifies the title of the Hml document.

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

The indicates the second part of HTML downest and it contains all the remaining information about webpage. The body tag has different parameters which indicates background, bg color -- etc.

Blocks (>-Alocks (-Alocks (--Alocks (---

The two major blocks of text in Html document one poragraph and headings.

- (i) CP [align = "left"] "center", "right"] > ---
 It specifies the possagraph.

blocks . himl <html> < Intril> < Intril> < head> < tHe> My first downent 2/title> all ciheads was variously all get till grown < body bgcolor = "skyblue" > This downent displays The title of The document and different text headings <h1> Web Technologies </h1> <h2> Web Technologies < 1h2> <h3> Web Technologies < 1h3> 11 10 11111 < h4> Web Technologies < 1/h4> Z hs> Web Technologies < 1hs> < h6> Web Technologies </h6> -- Subod> +

themper <160dy> to true torones and substitute of

</h

Text's travelile and and what all any true The text on a HTML page can be altered in a

number of ways (i) <-font Size = "[+1-n]" color="# rrggbb">--- By using this tag we can set the size and color text.

to the text.

(ic) ---

It bolds the text.

jüi) 20> ··· 210>

It underlines the last

(iv) <i's ... </i> Italic text

SHALL COLL J. L.

```
(vi) <em>... </em> CODING BUGS NOTES GALLERY

181 emphasis (new standard +81 Italic).

(vi) <strong>... </strong>

the strong (new standard +81 bold).

(vii) <s>... </s>
Strikes The Text.
```

Kalls valous late charact rads

Example:

```
Text. Wiml
           <ht-ml>
           < head>
            <title> Text </fifte>
                                                                          CES MALLE MOUNEMENT CAS

<
<br/>

              <h1> changing font sizes <141>
              </
              <font SIZe="3"> Medium < Itont>
                <-font color="red"> Red < Hont>
               <br > <u> <i>> Text styles <1i> < 14> < 14> < 16>
             <u>> Web Technologies </u>
                 <i> Web Technologies <1i> > polonA =
                   cem> web Technologies </em>
                      estrong> Web Technologies </strong>
                       <5> Web Technologies <15>
      clital>
```

→ Horizontal Rule <hr/>
<hr [width =n] [SIZe=n]

[align = {left/right/center} [Noshade]] 1>

Subscripts & Super scripts:
<Sub>...
<Isub> — subscripts
<sup>...
<Isup> — super script

Example:

<html>
<body>

<htl>

(a+b) <sup>2 <1sup> = a <sup>2 <1sup> +

b <sup>2 <1sup> +

2 ** a ** b.

<

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character escape sequences

pamp; zubsp; zelt; zgt; zquot; zcopy

-> Anchor tag <a>> 2019067001001 daly extended

Anchor log is used to create link between two downents, minimum it requires a parameter i.e "href which indicates destination downent.

The most important capability of html is its ability to create hyperlinks. Hyperlinks can be applied to either text or images.

syntax

 Text <10>

Example:-

welcome . html: -

< html>

< head>

<tille> Melcome < Itille>

</ri>

< body>

< NI> Welcome to HTML </hI>

and all not an at least that

s loss - slos - trid harabit ill

will of now <1podi>

Distance </html> <ill a more + ila

Home . html :-

< html>

chead>

<title> Home </fitele>

2/head>

< a href = "welcome. html" > click here

</body>

cln+ml>

* Lists :- " led will unly be at burn a

List is a collection of items and they may be

ordered or unordered.

HTML provides 3 types to list

- Isil barabro (i)

11: 12 min 201> --- </br>

(ii) Unordered Ust

zul> --- < Iul>

(ici) definition list

detinition usr

∠dl> --- ∠ldl>

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Ext. Sults

STATE O STATE

(ii) unordened (iii)

This is used to display the list of items in a Bider. It can use the numbers of roman numbers of alphabets as type of order.

It has one inbuild lag i.e i.e ...
In this list the default order is numouic.

EX:- 201 | Ex:- 201 | Gpe = 'A'>

21i > orange < 11i> 21i> mango < 11i>
21i> grape < 11i> 21i> orange < 11i>
21ol>
31ol>

ole: III. cricket

(ii) unordered list: - cul> --- 2/ul>

This is used to display the list of items by using different types of symbols. In this also there is a inbuilt tag i.e <1t>-

In this list the default symbol is dot (.).

Ex:- Zul Supe="circle">

Zli> orange Zli> cricket Zli>

Zli> apple Zli> zli> Football Zli>

Zlul>

oppi o orange oppi o cricket ...

(iii) definition list: - <dl> -- </dl>

The definition list is used to specify list of

terms and their definitions.

It has the following tops

<dl> tag specifies the definition list.

<dt>> tag specifies the defined term.

<dd>> tag specifies the definition to term.

EX:- 2dl> CIMIS INS molimilar dens

Ldt> HTML LIdt>

<dd>> HTML is the markup language <1dd>>

cdt> XML <1dt>

cdd > XML is the extended markup language aldd sports at SIPIZIAN to sport of sports

OIP: HTML

HTML is the mosture language

XML

xML is the extended markup language

Example:-

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GAGO D

THE MORE WILLIAM

as a lists. WHAL

<html>

<head>

etitle> List of subjects < Ititle>

clhead>

< body>

<h2> unoldered list < lh2 > 1 moc A

ul>

cli> WT

CD

21UL>

Lype = "Square" >

24>00AD 214>

Lli> NS Clli>

</41>

Conld ..

```
<h2> oldered list </h2> 121 moderates (1)
 to the precoled for it that works the an
         WT 
          LUS CD LIUS militadas visus boro imigi
         2101> Igol galuellof ill 200 up

cli > ooad < ili > ili 
          LII NS CILI'S IN LONGING FOR CILL
        2101> williams all laborate pol stols
          <h2> Definition List <1h2>
          <d1> <4112 JMTH 243
   CHIP COSTE SAME SAPER SAPER
           <dd>> WT Stands 487. Web Technology </dd>
THE SHOWEN THE CONSIDERS HE SHOW SHOW
           <dd> CD Stands to compiler Design <1dd>
           <1dL>
           <1body>
                                JM 11 110

2/html> 10000000 will in interest
```

is the extended to the language @ List of subjects teil beredboni · WT · CD D OOAD D NS
Transport I WT 2 CD A OOAD CENTS TO GENERAL CENT Dedinition List 4015 TW 4115 WT stands to meb Technology. CD of Armeny . This

016:-

A lable is a matrix of rows and columns. The table provides a highly read be way of presenting many kinds of information. -: prizog2 11 sz

By using table we can presenting inbandion in Structuring Lamat and structuring The whole met page.

The basic table tags:-

--- :-

It indicates the Starting of the lable. The most common attribute to a clable > tag is bolder. And it has different attributes like height, width - COMIN !---- !-

It is und to give table heading (column header) <tr

It is used to indicating strating of a Table cybod > · WOY" --- <1td>:- <1 = v/h53 idd = ...

It indicates the table data to a cell.

<caption> -- </caption>

It is used to insert caption into table.

Folmat: - < table Calign = "conter/"left"/"right"] [border = n] [cell padding = n] [height = n/2] [width = n/2] [cellspacing = n] > ccaption> --- </caption> .. LIty> Chills and shall < to> : 11 . Whimp obto -- < 1Ed> 21tr> 21table>

```
cell padding:-
```

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It specifies the space between content of cells and its bolders in pinels.

cellspacing:-

It specifies the space between cells.

sets amount of screen that table will we in the factor of width.

height: sets amount of screen that table will use in the factor of height. wind s to studiette mornings

Example:-

While expect still a blooding beautiful (moord many < hbml> wed alter one of bow in the < head> <title> Table <!title> - < + 1) addit of 21 heads prito short of langer it do < body> = +56+1> - < 61> Caption > employee details < 1 caption > EID < Ith> < NOHqui > . . < NOHqui > 2th> ENAME < 1th> of logo in "" Atual <ti> liqued [n . [nither 180] < < td>101 < 1td> Ltd > Madhu < ltd > 102 < 1/td> Ltd> Gridhar 21td> > 2000 < Ltd> 21tr> Larld ...

Ole	:	-

	employe	re detai	الا		<1rd>
-	MEID	ENAME	SALARY	2"=18	g period
5	101	Madhe	1000		
-	102	Gindhar	2000		cybodis
	103	Ravi	3000		lartes >
					and the
ì					Laponida
1 -					,

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* Images :-

Images play an important role in mebpages.

The total look of a mebpage is improved using images.

Images can be embedded inside document using tag. Minimum it requires a parameter i.e.

"Sxc", which indicates source.

some times we can ux images as hyperlink.

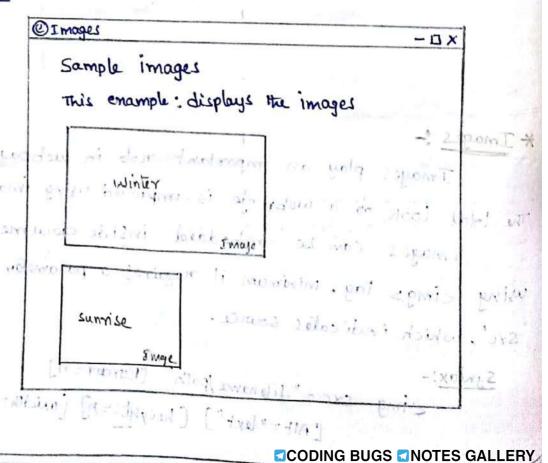
Ex:

```
chtml>
<head>
<head>
<head>
<head>
<head>
<head>
<head>
<head>
<hi>sample images < 1h1>
>This enample: displays the images 
<ing src="winter.speg" alt="winter"/>
<hr/>
<hr/>
<hr/>
<hr/>
<hr/>
<hr/>
<hr/>
<ing src="winter.speg" alt="winter"/>
<hr/>
<hr/
```

102 Pay 1000

OIP:-

<1html>



CDIS 2" " SE proise " Internal of the

Form is the most common way to a user to communicate the information from a meb browser to server.

- Landbad (iii)

Hams tag is used to create a neml form. This tag has several attributes and important among them one "Method" and "action" of standard 33 voit a mit

action: This attribute specifies the URL of the application, which is to be called when the user clicks the submit button (61) submitting the Jam.

Method: - This attribute specifies how the entered data in form is sent to destination. There are two methods of Sending inhomotion, one is post and other is get ".

"get" method
URL Date is visiable in site address
in - safel tognin tents.
No security
It sends limited characters
la at losso si stati

User Interface elements in forms:

" Malov" Label ii) Label: -This is used to display the text on the screen.

(ii) Text field :- - where some tool It is an reangless box. It is und to take The input from the user. This can be created using < input> tag. Madhe

zinput type="lext" [size=n] [name="] [Max length = n] [value="name"]) 21 inputs

```
Button
    (iii) Buttons:-
       HTML supports thouse types of buttons.
   - Button executes a simple button
   tomat: - < input type= "bulton" [value= "]> </input-s
   - submit button creates a button and it invokes the
      form action i.e submits the form.
   Hormat: - < Input type="submit [value: "] > < linputs
   - Reset button creates a button and it clears the entries
      Which are entered by luxer in the form.
      format: - < input type = "Reset" [value = " ] > < linput->
   (iv) password field:
            This is used to enter the password. . ...
      tomat: - Linput type = "passwdd" [size = n] [name = "]>
   The proper that we included a plan ignore more protections for the
   (V) Radio Button:-
This is used to select only one value at a time.
                                @ Radio Button
      Holmat: - < input lype = "radio" [name = " "]
               g was 12 out &
                                [value = "]> </input)
 (vi) Check Box :- - and 112 do do we by 22 mos 116
           This is used to select multiple values at a time
      tomat: - < input type = "checkbox" [name: "]
                  ☑ CheckBox [value="1]> </input>
   (vic) combo Box :-
It is used to select one value from multiple value
  +8mat: < select [name=" "]>
              coption> --- </option>
             zopton> -- <loption>
        ~ 13electo)
  Lung Will
```

(viii) List box :-It is used to select one (81) more values from multiple values of a course of the said to got to Hamat: - < Select [name=""] [Size=n]> coption [selected] > -- <option> · · </option> Value! valuez <15elect> < 1031 7 : 618 11 Value 31 lugarly of large more "bosoming" and large to This is just like a text-field but it has multiple (ix) Text area:-KbHS: Nomeral KbHS rows and columns. tamat: - < textarea [name=""] [rows =n] [cols = n] > < = 101 32) < noitgos This is a decilyon and and CALLLOIS BUBLA CHOPLIES CODING BUGS NOTES GALLERY Example:-Registration. Html < html> < head> ">
 i'll form when't Styblue >
 Skyblue < John name = "Jrmi"> < Center> < h2> Registration Form <1h2> < 1 center> < table align= "Center" border= 17 abs 2/4/201 "make" " some money to saft > Student NO: <input type = "lext" name = "sno" > </input > and and additionant senses and degree while Child & Tonnils 247> > Name:

>

< </td>

<t 216d> 21EY> elmidie conto...

```
-: Xed this time
     Gender: < Itd>
      >
      cinput type= "radio" name = "gen" > Male </inputs</p>
      2 nbsp ... "radio" name = "gen" > Female </inputs
                 · < [billioner] Neit10>
      eltd>
                  ¿coptions .. ¿loutions
      <1H>>
      Ctr>
      > password: 2/td>
      < input type="passworld" name="pwd"></input>
                                  (x) Text orea :-
21td> 21tr>
               Elastic tend to stall large 25 stars
       CHY
       Branch: 
                               · LAWAYILESS LINES 21185
   < imput select name = "branch" >
     <coption > -- SELECT -- 
              coption> CSE </option>
              LOPTIONS ECE < LOPTION>
              <option> EEE <loption>
              <option> MECH < loption>
          <1td>><1tr>
                                         - various i
        > Hobbies < 1td>
         < Linput type = "checkbox" + hame = "hb" >
                 playing cricket < 1 inputs 2 nbsp
                < input type = "checkbox" name = "hb" >
                 Reading books </input> 
 riber 1 : c:  milestages 252 crise;
         > Address: <1td> dil
         < 6d> < textorea name="addrs" rows=4 cols=15>
                     1 / < / (Extorea> 2/td)
     141> <1H>
         - ty>- txel " squi toquis <1.45</td>
          <input type="submit" name = subm' value=subm'

< 2 / 11d>

"Reset name="rs" value: "Rue"?

"Reset name="rs" value: "Rue"?

               2 Holms 2160dy>
            </html>
```

Ragistratio	n Form
Student- NO:	
Name:	
Gender:	Mak O Female
: premstad	
Branch:	SELECT
Hobbies:	oplaying cricked o
Address:	\$ 15.18 mm
(Subwit)	(Reset)

Example:-

☑CODING BUGS ☑NOTES GALLERY

```
< Introl >
                                                   login . html
  < head>
   <title> Login </title>
  of my welling religion of the said
   a body >
     < center > < h2> Login < lh2> </center >
      26x1> 0 0 0 0
       <1d>> username: <1td>
          <input type="text"></input>
        <1475 Mariah men lamper in later

         <input type="password" ><iinput>
                         the interest of the same of the same
          2147>
          <input type="button" value="Login"></input>
            21td>21tr>
```

<

0/p: -

@ Login		OF COMMENT
	Login	4 18 . n to 2.
	username:	Milwess
	barragig:	
	Login	
		- colo
		1000

was I wall things!

* Frames:-

Generally the browser window can be used to display the one or more documents at a time.

The window can be devided into rectangular acreas, each of which is a "frame".

By using < frameset > lag, one can specifies the number of trames and their layout.

A set of frames one defined using < frameset > to which ends with </frameset > tag.

A trameset tag taxes the place of the body tag, ie A Home document has either a body of a trameset tag, but coult have both.

"cols" attribute and They often have both.

rows: - This attribute specifies The no of rows of trames that will occupy the window.

cols: This attribute specifies The no of columns of trames that will occupy the window.

The <trameset> lag have one inbuilt tag i.e <frame>
lag. It is used to specifies the content of trame-

The frame tog has several attributes and importent-among

syc: It specifies source the trame.

name: It specifies The name of the frame.

Example:-

<html>
<head>
<thle> Frames < 1title>
</head>
<frame_sol- rows = "2s*, so".">
<frame_sol- rows = "2s*, so".">
<frame name = "login" src = "login.html" !>
<frame name = "Rogistration" src = "Rogistration.html" !>

<pr

	@ Fromes
	LOGIN
The store	Login Login
	Das word
	(login)
	Company of the Compan
1 < ["	Registration 2/02
	Student. NO 1 []
	Name:
orrts s	Gender: Omak Ofemale
- 51A	and the draws username in the last of the second
	passiand: T
Fill Satistics	Hobbiel: Aboning cucies
11,41,4	" Lived And Addrew:
The second second	The state of the s
un Judreng	by by situation large 2 and and
	the saludate losses sod got swood with
Nested -	frames:
Nested -	trames:- le can create a trame within the trame by using help
Nested =	trames:- le can create a trame within the trame by using help
Nested =	frames:- le can create a trame within the trame by using help
<u>Neste</u> d =	frames:- le can create a trame within the trame by using held CODING BUGS NOTES GALLERY
Nested =	frames:- le can create a trame within the trame by using held ble: CODING BUGS NOTES GALLERY
Nested =	Je can create a trame within the trame by using help the constraint of the constrain
Nested =	frames:— le can create a frame within the frame by using help sh: CODING BUGS NOTES GALLERY <head></head>
Nested =	frames:- le can create a frame within the frame by using help Coding Bugs Notes Galler <html> <head> <html> <html <html=""> <html> <html <html=""> <html> <htm< td=""></htm<></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></html></head></html>
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Nested =	trames:- le can create a trame within the trame by using held ch:- CODING BUGS NOTES GALLERY <head> <head< td=""></head<></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head></head>
Nested =	trames:- le can create a trame within the trame by using held chest:- CODING BUGS NOTES GALLERY Chead> Cheame name 2 login Src="login . html/> Cheamesel. Cols=25%. 75%.
Nested =	trames:- le can create a trame within the trame by using held chest constant a trame within the trame by using held chest conserved chest chest chest chest chest chest chest chest chest conserved chest chest conserved conserved conserved conserved chest conserved c
Nested =	trames:- Can create a trame within the trame by using new Coding Bugs Inotes Galler' Chant Chead Cheane Cheane Cheane Cheane Cheane Cheane Cheane Cheane Cheane Cheane Cheane Chean
Nested =	trames: Can create a trame within the trame by using help Can create a trame within the trame by using help Coding Bugs = Notes Gallery Chead> Ch
Nested =	can create a trame within the trame by whing help che can create a trame within the trame by whing help che can create a trame within the trame by whing help che can create a trame within the trame by whing help cham! che can create a trame within the trame by whing help cham! chead> c