**web development**

1. **INTRO**

(1)Front end language(presentation corner)

Html

Css

(2)Scripting language(gives reaction to action)

Java script

(3)Back end language(presenting some data for an action)

Php

(4)database(saved data is here)

:mysql

1. START HTML

Html it is a drop down language (it reads and process the data from top to bottom)

* Hypertext( in some line we r having coloured text and we get info after click it is hypertext)

Eg. its [Andaman and Nicobar Islands](https://en.wikipedia.org/wiki/Andaman_and_Nicobar_Islands) share a maritime border with [Thailand](https://en.wikipedia.org/wiki/Thailand) and [Indonesia](https://en.wikipedia.org/wiki/Indonesia)

* Markup language(tags in source code (see marked word) IN BELOW EG.)

EG.

|  |  |  |
| --- | --- | --- |
| <html class="client-nojs" lang="en" dir="ltr"> | | |
|  | **<head>** | | |
|  | <meta charset="UTF-8"/> | | |
|  | <title>Judaism - Wikipedia</title> | | |
| Doctype:for compatiblity  <html> opening tag  </html> closing tag | |  | |
|  | | |  |

**<head>** head includes the info that I don’t need to display and to link java n others files

**<body>** info to display it is actual work

**<title>** it gives the title

<base> there is one main page in web and to define that in every page we use base

href="india.html “ it means india.html is base page for website

<style> it used to change the appearance of text

**#fff for white color**

**#ooo for black color**

<script>

Alert gives the message after loading the page

<link> used to connect different files with webpage

Rel gives relation

<meta> contains details of page like description all i.e data which communicate with server

[www.html-color-codes.info](http://www.html-color-codes.info) is used to get the different colors

text-align can align the text at center , left , right

margin used to provide the margin

to define maximum possible page width : max-width

* **Types of headings:<h1> <h2> <h3><h4><h5><h6>**

**RESULT OBTAINES IS AS FOLLOWS**



<h1> heading tag (it sets the hesding in style)

To give the color to heading write code in styles

<hr> (jya text chya khali hr lihito tya text khali line yete)

<br> used to break the line

<p> gives paragraph i.e gives a continues line

To give different color to each para we will write the code inside the tags only

* To highlight a single word write it in between the tags and define its color and all other properties in style (eg. Proud)
* To add the image

<img> image tag then inside the tag give the source of image and the name and extension (image.jpg)

To add image src means source flag.jpg indicates the location of location of an image inside the india html file

Border is used to give the border to image

* To covert the sentence “read about india” such that if we click on that then we gets entered into details.html then we use <a> anchor tag

href is reference hypertext i.e. it will location of details.html

* <a href=”source”> line which u want to use as hyperlinked(i.e. if we click on it then we get some info)</a>
* We can change the style of hyperlinked text by writing the code in style
* hover(means when we point the some text then that action is hover)

i.e for example here when we take a pointer at hyperlinked text then background becomes white here we have wriiten a:hover so pointing action gets related to hyperlinked text

**LISTS**

1. unordered list<ul>
2. ordered lost<ol>
3. list elements<li>
4. float: left (elements will be on left side always)

**TABLE**

1. <table>
2. (since html is a drop down language )first define the rows then columns
3. <tr> is used to define the single row
4. <th> for table heading
5. <td> for table data
6. Cellpadding creates a spaces between every cell
7. Gap which is just outside the box is margin and the gap which is outside the gap ,which is outside the box (see 14 th video) is called as padding.
8. For single border use border-collapse=collapse property
9. Order for defining the table marginis = table{margin: Top right bottom left}

**(till above use india.html file)**

**(from below use indianostyle.html and style.css)**

* To differentiate(alag krne)styles from html code we use css(cascading style sheet)

1. **New folder tutorexs**

Index is a file which gets links first

1. Css(stylesheet) woks on classes
2. <div> is used to create the division
3. To work the classes in stylesheet we use .name of the class

\*FORM ELEMENTS( PART WHERE THE WEB SITE INTERACT WITH THE UER EG. ENTER UR NAME N ALL)

Now creating a form where we hav to login into some website

1. <form> tag is used
2. If we write password as a input type then data will not be displayed to the user
3. If email is ur input type then it will take a input in email format only otherwise it will throw an error
4. To select the one value from many values use radio button eg. To slect one from male and female --condition: name of two values to be selected should be same
5. To choose a option from list of options we use select

**TO POST THE DATA NOW CREATE A NEW FILE(FOR BETTER UNDERSTANDING)**

(see inside the folder tutorexs there is post.html)

1. When data(like for description data will be too large) is too large we use textarea
2. When input type is checkbox then we can get a option where we tik in the box
3. To give the combine colors : background : linear-gradient(colours u want to combine)
4. <main> ?
5. Placeholder ?
6. To style the text which is written in input we use input[type= “typename”]

**Creating a website background and header**

See new template folder on desktop

1. In the template\_style.css file \*,html{

margin:0;

padding:0;} this indicates that screen is set with 0 margin

html

doctype: current version of html

1. <html> </html>
2. <head> <title><title> </head>:title language
3. <body> </body>

<h1>: header

<p>:paragraph

<br>: line break

<! - - -- >: comment

&nbsp: adding spaces

&nbsp&nbsp:add two spaces

<ul>:Unordered list

<ol>:ordered list

<li>: list

<table>

<tr>: it is row

<td>: contains actual data

<th>: it is column

<a> : it is used to add the links

<img src>; to add the image

We can use width and height also

<form action= “” method= “”>

<input>

<textarea>: used for defining the size of rows and columns

* Functions under form action that we can use

<input type= “submit” value= “submit”> :introduce a submit button

<input type= “radio” name= “yes or no” value= “”> :introduce a radio button (chose yes or no)

<input type= “checkbox” name= “ ”> :introduce acheckbox(i.e we can select multiple options)

<input type= “number” > :introduce a number input box(here we can writ only no.)

<input type= “number” min = “0” max= “20” > :user can enter till 50

* To select drop down list:

TO SELCT ONLY ONE OPTION FROM THE DROPDDOWN LIST

<select>

<option value= “ ”> word to disply in drop down</option>

</select>

TO ENTER THE DATA

<input type= “date” name= “day”>

Number of days:<input type= “number” name= “” min= “” max= “”>

<fieldset>: it will give the box to the entire info written under it

<legend>: to written In between the box obtained from above comment

ATTRIBUTES:

<p class= “test” >

Here class is a attribute i.e. it gives more information

**for attribute can be used only with label only**

**class can be used with everyone usually**

<b> : gives bold element

used in text to speech program)

<i>:italic element

<em >: it is same as italic element

IFRAME

<i frame>:To bring two html documents into single html

23 rd (TO MOVE rd ABOVE 23) or to write something on base(subscripts)

<sup>: writing something to above

<sub>:to write is subscript(eg H2O)

<img src-= “” title= “”>:To name image(if we move cursor on image we get the name)

TO PUT AUDIO AND VIDEO FILES

<audio controls = “” > <source src= “”></audio>

<audio controls autoplay>: used for autoplay of the videos

<audio controls autoplay loop>: continuously autoplay the videos

**css**

* IT WILL GIVES THE LOOK TO THE WEBPAGE

<style>:write inside head

1. TO CHANE BACKGROUND COLOR

Inside style

<style>

h1{

background-color: }

</style>

h 1,h2 will apply to both

1. color-to change font color
2. font-size: px
3. font-family: to use like gorgia n all

/\* comment\*/

1. element selector: p{}
2. id selector:#para2{}

<p id= “para2”> this will get affected

( c) class selector:

.classname { }

* <p class= “classname”>

WAYS TO INSERT STYLE SHEET

* external style sheet
* internal style sheet
* inline style sheet
* EXTERNAL STYLESHEET:

WE CAN CHANGE THE LOOK OF ENTIRE WEBSITE BY CHANGING THE LOOK OF ENTIRE WEB SITE

<head>

<link rel= “stylesheet” type= “text/css” href= “ .css”

</head>

* Internal stylesheet:

USED WHEN SINGLE DOCUMENT HAS A UNIQUE STYLE:

<head>

<style>

body{

background-color: ;

}

h 1{

color: ;

}

</style>

</head>

* Inline :
* They work directly onto the tag where we want to work

CASCADING ORDER:

1. BROWSER DEFAULT
2. EXTERNAL STYLE SHEET
3. INTERNAL STYLE SHEET
4. INLINE STYLE

BACKGROUND TUTORIAL

Background-image: using this we can add the background image

CSS LINKS

HOVER MUST COME AFTER VISITED AND ACTIVE MUST COME AFTER HOVER

* a :link-unvisted link
* a:visited-a link the user has visited
* a:hover-a link when user mouses over it
* a:active-a link moment it is clicked
* text-decoration: used to remove underlines from links
* text-decoration: line-through: it will give the line over the text
* background-color: to set background color
* CSS LISTS: IT ALLOWS
  + SET DIFFERENT LIST ITEM MARKERS FOR ORDERED LISTS(IN ORDERED LISTS ITEMS R MARKED NUMBERS OR LETTERS)
  + SET DIFFERENT LIST ITEM MARKERS FOR UNORDERED LISTS(IN

UN-ORDERED LISTS ITEMS R MARKED WITH BULLETS)

* + SET AN IMAGE AS A LIST ITEM MARKER

ul.classname{

list-style-type: square}: it will give square as a bullet

ul{list-style-image:url(“ ”)}: to use image as a list item marker

list shorthand prop:

ul{

list-style:square url(“sqpurple.gif”)}

CSS TABLES:

table,th,td{

border: 1px solid black;}

th: table header

td:table data

WIDTH AND HEIGHT OF TABLE:

table{

width: }

th{

height:

}

TABLE TEXT ALIGNMENT:

td{

test-align: }

TABLE PADDING( TO CONTROL SPACE BETWEEN BORDER AND CONTENT OF THE TABLE)

td{

padding:

}

CSS BOX MODEL:

THERE IS A MARGIN ,BORDER, PADDING(distance between text and border) ,THEN CONTENT

CONTENT: where the test ,image occurs

PADDING: clears area around the content

BORDER: border that goes around the padding and content

MARGIN: clears an area outside the border. Margin is transperant

CSS POSITIONING TUTORIAL: TO PLACE AN ELEMENT BEHIND ANOTHER

***GITHUB:***