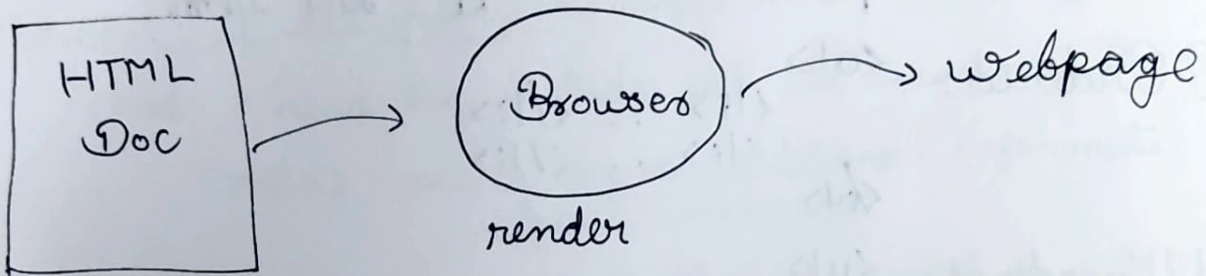
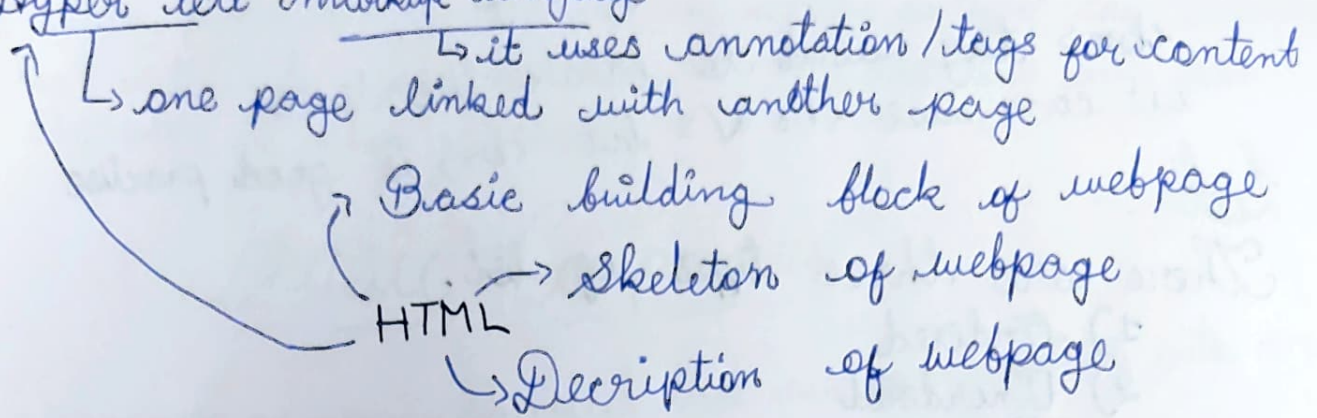


HTML Basic I

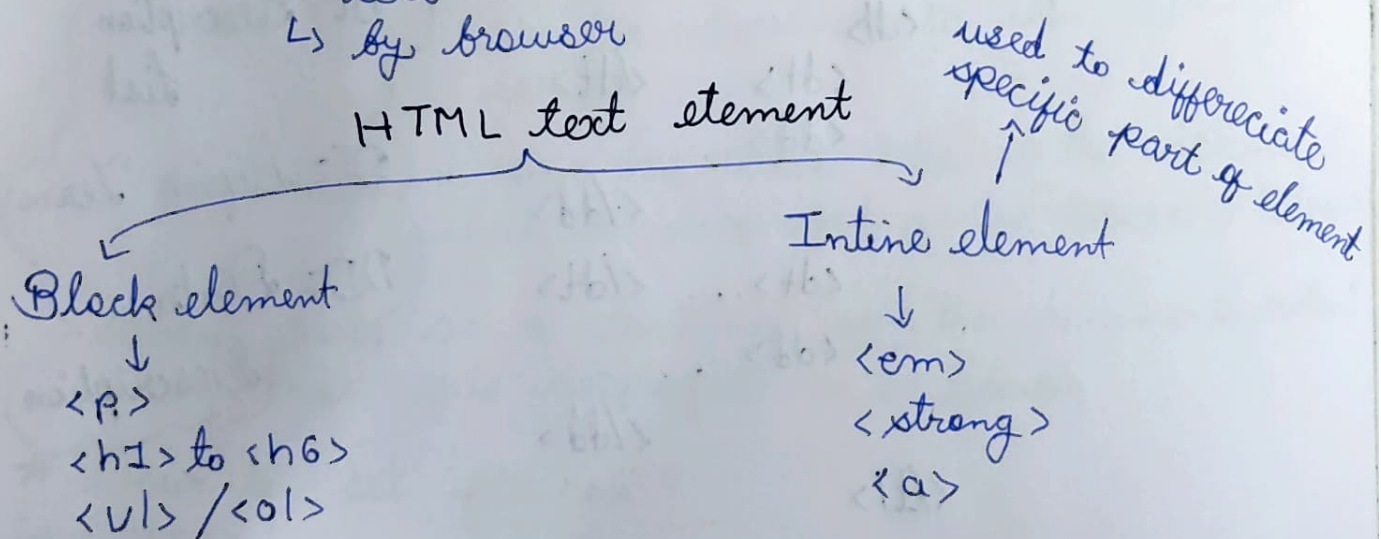
Hyper text markup language



Tag tell browser that how to render different element.

Html doc can be opened in 2 ways.

- ↳ text editor
- ↳ by browser



Heading tag :- H1 to H6

`<H1>` is biggest in size
`<H6>` is smallest size

Paragraph tag : we use `<p>` tag for create paragraph

Div :- it use to segment and style different areas of a document. It also act as a parent container for other element within the document.

Empty tag :- self-closing tag

 tag used to break the lines
we can use
 but
 is good practise

List :-

There are three type of list.

- 1) Ordered
- 2) Unordered
- 3) Description

LI = List item

1] Ordered :-

```
<ol>  
  <li> ... </li>  
  <li> ... </li>  
</ol>
```

2] Unordered :-

```
<ul>  
  <li> ... </li>  
  <li> ... </li>  
</ul>
```

3] Description :-

```
<dl>  
  <dt> ... </dt>  
  <dd> ... </dd>  
  <dt> ... </dt>  
  <dd> ... </dd>  
</dl>
```

DL = Description List

DT = Define Term

DD = Data Description

Image :-

```

```

source of image

it will show alternative text if image will not show.

Anchore

```
<a href="path">Jevan ka Satya</a>
```

set path to create links.

<a> tag is used to establish hyperlinks that link to other page or to a particular section within the same page. href attribute specifies the URL that the link will take the user to when clicked.

Basic Components

<!DOCTYPE html> : specifies that we are working with HTML5

<html> : it act as a container for every tag;

<head> : head tag includes all the document's metadata

<meta> : use to define additional information about webpage.

<link> use to link the document to an external resource.

<style> used to defining styles for the document

<script> used to write code snippets or to link the document to an external script

<title> Define the title of the document which is displayed in the browser's titlebar.

<body> acts as a container for the document's content that gets displayed on to browser.

★ How to set favicon?

↳ <head>

<link rel="icon" type="image/x-icon" href="path" >

</head>

★ How much character supported by UTF-8?

↳ 11,12,064

★ What happen when we close empty tag?

↳ There is no effect.

HTML Basic - II

target :- to open in new tab target should be
"- blank ">

Image :
it will show text if image is not shown
by default poc.

<hr color="color name | hex number | rgb-number">

pre : we use <pre> tag for pre problem.

```
<pre>
    your terra
        superstar
    desi
        kalakars
</pre>
```

Inline CSS :-

<p style="color: red;"> ... </p>

color: red ; : to change text color

background-color: aqua ; to change background color

font-size: 50 poc ; to change font size

font-family: fantasy ; to change font style

text-align: center ; to center the text.

Tag

 → bold

<i> → italic also use tag

<small> → small size of text

 → deleted tag

<mark> → to mark the text

↳ by default there is only yellow;

<sub> → subscript

<sup> → superscript

<u> → for underline the text

 → also bold the text & used to emphasize important information

<address> → used to show the author's contact information

<ins> → formats the text as inserted

Blockquote:- It changes the alignment to make it unique from other.

↳ cite: It contains or specify the source of a quotation.

Q: The <q> tag defines a short quotation. Browser normally insert quotation marks around the quotation.

Address: The text in the <address> element usually render in italic, and browser will always add a line break before and after the <address> element.

Abbr: The <abbr> tag define an abbreviation. we can use the global title attribute to show the description for the abbreviation when you mouse over the element.

Best Practise of Table

```
<table>
  <thead> // table head
    <tr> // table row
      <th> ... </th> // table heading
      <th> ... </th>
    </tr>
  </thead>
  <tbody> // table body
    <tr>
      <td> ... </td> // table data
      <td> ... </td>
    </tr>
  </tbody>
  <tfoot> // table footer
    <tr>
      <td> ... </td>
      <td> ... </td>
    </tr>
  </tfoot>
</table>
```

HTML Basic III

Colspan : The colspan attribute defines the number of columns a table cell should span.

<th colspan="2">Monthly Savings</th>

rowspan : The rowspan attribute defines the number of rows a table cell should span.

<th rowspan="2">\$50</th>

colgroup : The <colgroup> tag specifies a group of one or more columns in a table for formatting.

The <colgroup> tag is useful for applying styles to entire columns, instead of repeating the styles for each cell, for each row.

<colgroup>
 <col span="..." style="background-visibility:">
</colgroup>

colspan is an attribute which helps to stretch table to multiple columns.

rowspan is an attribute which helps to stretch table to multiple rows.

HTML Basic-IV

We can do three things with hyper links

`<a href = { "URL" , "tel: number" , "mailto: mail-id" } text `

Bookmark: When we attach section of a page that is called bookmark.

We have to give particular id to tag.

↳ for example

`<h2 id="resources">Resources </h2>`

after giving let's make a Bookmark

`Go to resources `

↳ for smooth behaviour

`<style>`

`html {`

`scroll-behavior: smooth;`

`}`

Div = `span { display: block; }`

Span = `div { display: inline; }`

Semantic tag

`<table>`

`<article>`

`<figcaption>`

`<main>`

`<form>`

`<aside>`

`<header>`

`<nav>`

`<section>`

`<figure>`

`<footer>`

Section: to define section of webpage

Article: independent text

Header: to define header webpage

Footer: to define footer webpage

Aside: to define related content of article

Forms in HTML

The `<form>` element is used to create a form in HTML5, forms are used to gather user input.

↳ `action` attribute specifies where the form data should be sent when the form is submitted.

↳ `target` attribute specifies where to display the form's response.

Most of time we use `<input>` to take input using attribute type with different values,

Syntax `<input type="text">`

`<input>` is an empty element which only contains attributes

different values of attribute type:

↳ text

↳ password

↳ email

↳ submit

↳ checkbox

↳ color

↳ date

↳ file

↳ image

↳ number

↳ radio

↳ range

↳ reset

↳ url

↳ week

and many more.