

HTML (HYPER TEXT MARKUP LANGUAGE)

- Extension : index.html
- not case sensitive : `<h1> == <H1>`
- HTML is the code that is used to structure a web page and its contents
- index.html : default name for a website's homepage

BASIC HTML PAGE | THE BOILERPLATE OF HTML

```

<html>
  <head>
    <title> Cseabhishek </title>
  </head>

  <body>
    <p> Hello Jii </p>
  </body>
</html>

```

(html, head, body : structural Tag)

COMMENTS IN HTML (used to explain code, leave notes and do not affect the output)

```

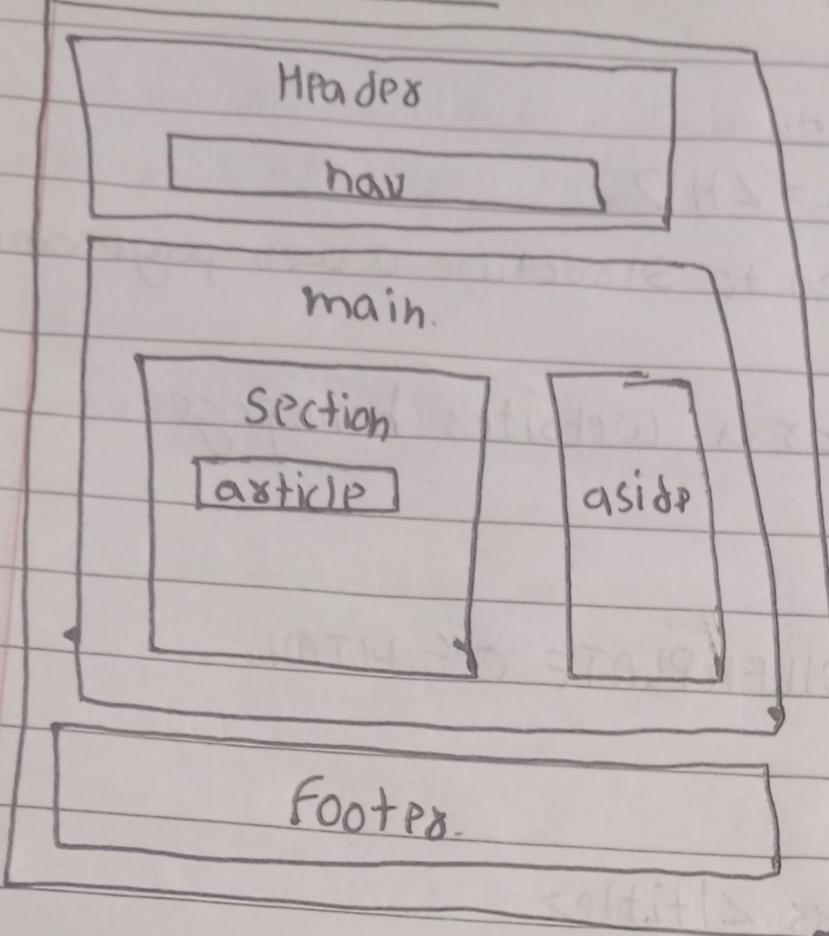
<!-- Hello Ji -->
<!-- <h1> Hello </h1> -->

```

Hx and bx tag.

A diagram illustrating the meaning of HTML tags. It shows a large bracket spanning several lines of code, with arrows pointing from specific tags to their definitions.
 - An arrow points from the opening tag `<h1>` to a box containing the text "Hello Ji".
 - Another arrow points from the closing tag `</h1>` to a box containing the text "Break next character to next line".
 - A third arrow points from the opening tag `<p>` to a box containing the text "make".
 - A fourth arrow points from the closing tag `</p>` to a box containing the text "Close tag".
 - A fifth arrow points from the opening tag `
` to a box containing the text "Break next character to next line".
 - A sixth arrow points from the closing tag `</br>` to a box containing the text "Close tag".

PAGE LAYOUT



<header>

<nav> </nav>

</header>

<main>

<section> </section>

<article> </article>

<aside> </aside>

</main>

</main>

<body>

<footer> </footer>

<body>

Section - for distinct sections of webpage like "Home", "About" etc.

Article - Self contained content like news article has heading and Paragraphs

Aside - for related content like ads, links etc.

LIST TAG

Ordered list (ol)

1. Array

 Array

2. Linked list

 Linked list

3. Stacks

 Stacks

4. Queues.

 Queues

Unordered list (ul)

 DSA

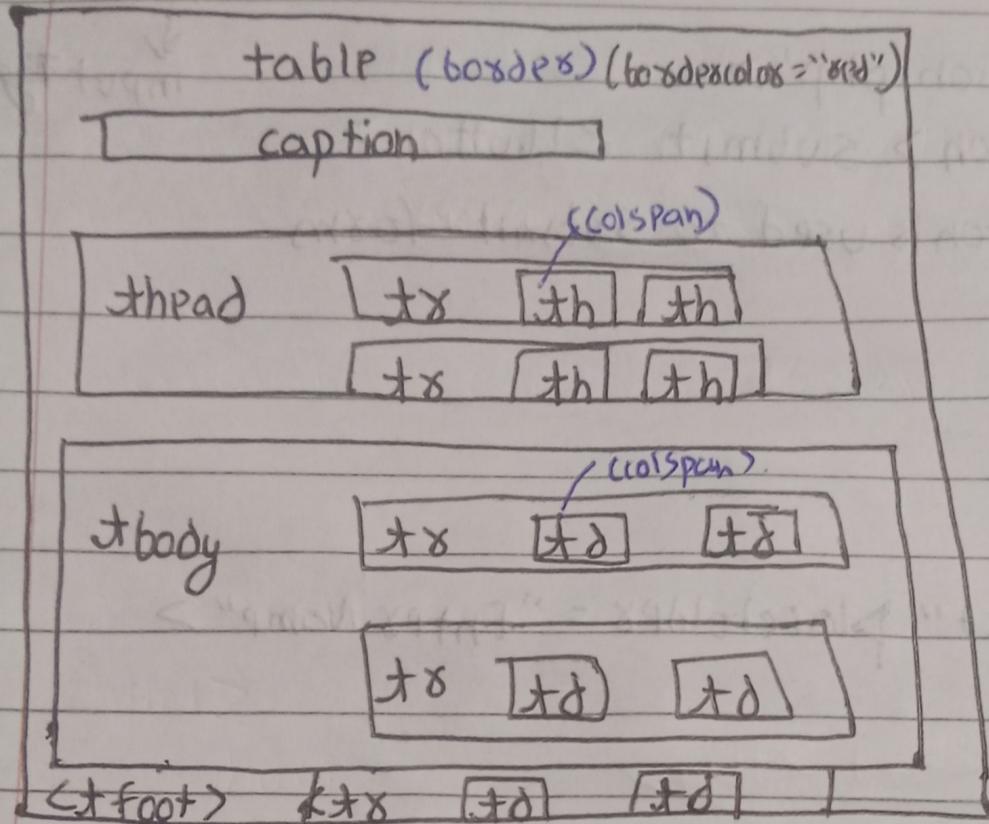
 Web Technology

 Programming

• DSA

• Web Technology

• Programming,

TABLE TAG

<table border="1">

<caption> data </caption>

<thead>

<tr> <th colspan="2"> student

</tr> <tr>

<tbody> <tr>

<th> Name </th>

<th> course </th>

<th> 10 </th> </tr>

<thead>

Student		
Name	Course	10
Abhi	CSF	101
Total Marks		850

<tbody>

<tr>

<td> Abhi </td>

<td> CSF </td>

<td> 101 </td>

colspan :- make cell span across multiple column </td>

merge multiple columns into one <td> </td>

borders :- define a border across table and cell <table>

<td colspan="3" Total Marks </td>

<td> 850 </td>

<td>

</table>

</table>

FORM TAG Boiler Plate for Input tag

Form
↓
Table
↓
Input tag

```
<form action = "action.php">  
table tag, input tag, <button> submit </button>  
</form>
```

* button is used to submit form

INPUT TAG

```
<label> Name
```

```
<input type = "text" placeholder = "Enter Name" />  
</label>
```

* label is used before input tag as a good practise.

type *

- date

- file

- month

- range

- time

- color

- text

- password

- email

- Search

- tel

- number

- submit

(placeholder)

(placeholder, spellcheck = "true")

due to placeholder
is blank box
like

Media Tag

- ``
- `<audio src="Hon_fan_maula.m4b" controls loop autoplay muted></audio>`
- `<video src="abc.mp4" controls loop autoplay muted></video>`

Interactive Tag

- - `<iframe src="https://wike.com/"></iframe>`
- `Youtube link `
open page in new page.
- ` (mail) `
- ` (call) `
- ` `
on click image link open.

Heading Tag [h₁-h₆]

`<h1> Hello </h1>`

`h1` = Main heading aka C

`h2` = Subheading of X aka Y

`h3` = Subheading of Y aka Z

`h4` = Subheading of Z aka A

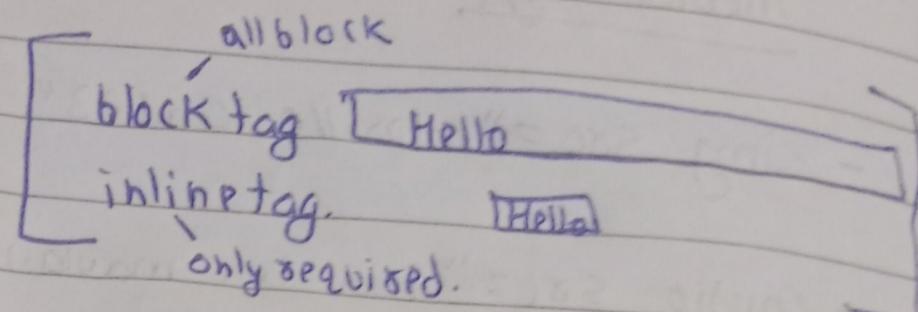
`h5` = Subheading of A aka B

`h6` = Subheading of B aka C.

Introduction (H₁)
 Contact (H₂) → Contactname (H₃)
 ABOUT US (H₂)

content grouping Tag

- <div> Hello </div>
- Hello



Text Formatting Tag

- bold
- <i> italic </i>
- <u> underline </u>
- <big> big text/large size text </big>
- <small> small size text font </small>
- Co ₂
- 10 th

Paragraph and Quotation Tag

- <p> Paragraph </p>
- <pre> Pre formatted text, preserves space and line break </pre>
- <q> Self quote which is small </q>
- <blockquote> citp="owner" > owner's quote </blockquote>

COD.. • <abbr title="Full form of CALL OF DUTY"> COD </abbr>

↑
on cursor
it shows

"full form of call of duty"

onclick.
computer
it is device
it will add on
screen like
block

• <details>

<summary> Computer </summary>

<p> It is device </p>

</details>

FORM TAG

- `<textarea placeholder="Enter feedback" cols="30" rows="10"> </textarea>`
`<textarea cols="30" rows="10"> pretext which can be edit </textarea>`
- `<select name="city">`
~~Delhi ✓~~
 `<option value="delhi">Delhi </option>`
`</select>`
- Radio and checkbox Input tag (Value is send to form \$ POST)
- `<input type='radio' name='cou8sp' value='btech'> Btech` ~~cou8sp~~
`<input type='radio' name='cou8sp' value='ba'> BA` ~~cou8sp~~
must same
(because in radio ~~many~~ ^{1 of} many is chosen)
- `<input type='checkbox' name='Mat' value='m'> Maths`
`<input type='checkbox' name='Eng' value='e'> English`
must be different
(because many out of many box can be chosen)

IMAGE MAP

<map name="workmap">

<area shape="rect" coords="34,44,270,350" href="x0.htm">

</map>

circle
Poly