

# HTML

↳ Hyper Text Markup language

- `ctrl + D` → copy line
- `ctrl + Enter` → new line
- `ctrl + →` → comment `<!-- -->`
- `Alt + click` → cursor
- `shift + Z` → word wrap
- `Alt + ↓` → shift code line downward.
- `ctrl + /` → comment out



## \* ! → Basic Outline of HTML Code :- Boilerplate

- HTML describe the structure of a webpage

<!doctype html>

→ Declaration of document is HTML5

<head>

→ contains meta info about page

<meta>

<title>

</title>

→ Title of HTML Page

~~</meta>~~

</head>

<body>

→ element of document, Body, is a container of all visible contents.

</body>

</html>

→ root element of HTML Page

## \* Head Tag

meta tag + SEO

meta name = "Description" content = " " {page description}

= Keyword {amazon, AWS}

= Robots → NoIndex, NoFollow {not shown in SEO}

→ Index, Follow (shown in browser)

<link rel = "stylesheet" href = ".css"

~~</link>~~



## ★ Body +

<script>

h(1-6)

p

→ link @ javascript

→ heading type from 1 to 6

→ paragraph

• lorem 100

→ generate 100 random word

• p \* 4

→ create 4 para tag

• strong, b

→ Bold

• i, em

→ emphasized

• <br>

→ line break

• <hr>

→ ruler line

• <u>

→ underline

• div

→ used to create container

• p

→ para tag take whole line

• span

→ work same as para but doesn't take whole width.

## • anchor tag +

<a href = " " >

</a>

↳ add external webpage to your page.

<a target = "Blank" href = " " > </a>

↳ redirect on new page

• <img src = " " >

→ add image to page

• <br>

→ Break line

• <big> <small>

→ text makes big or small

• <sub> 2 </sub>

(CO<sub>2</sub>)

→ 2 CO<sub>2</sub>

• <sup> CO<sub>2</sub> </sup>

2

→ 2<sup>CO<sub>2</sub></sup>

• <pre>

}

HTML

ignore extra space of line break to avoid that we can use pre

</pre>



## ✦ List 4 Tables

```

<table>
  <thead>
    <tr>
      <th>
      <th>
    </tr>
  </thead>
  <tbody>
    <tr>
      <td>
      <td>
    </tr>
  </tbody>
  <tfoot>
  </tfoot>
</table>
  
```

→ Table tag  
 → Table row  
 → Table Head  
 → Table data

<td colspan = "2"> Sam X Ha  
 ↳ Sam will take 2 column space

rowspan = "2"  
 ↳ will take 2 row space

```

<table>
  <caption> Hi </caption>
</table>
  
```

→ Heading of table

```

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

→ unordered list  
 → list tag

```

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

→ ordered list

```

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

→ definition list

HTML is a



## \* Forms & Input tags

• `<Form action = "Backend.php">`  
`<label for = " " > Username </label>`  
`<input type = "text" placeholder = "Enter username"`

input type = "button" "Submit"  
 "checkbox" "tel"  
 "color" "text"  
 "date" "url"  
 "email"  
 "file"  
 "image"  
 "number"  
 "password"  
 "radio"  
 "range"  
 "reset"  
 "search"

`<text area>`  
 ↳ create a text area to write

## \* Inline & Block element

1) Inline • Do not start on new line, only take as much space/width as necessary

eg: span, textarea, select, img, em, i, a, br,

2) Block • starts on a new line, take entire width, claim all horizontal space for themselves.

eg: p, div, li, ol, ul, h, form, nav, blockquote, dl,



- center :- Mark word in center of page.
- mark :- highlight
- u/s :- create line on word u/s
- tt :- used to display each letter with same width
- Blockquote :- for quoting content from another
- iframe :- ~~frame~~ ~~frame~~ ~~embed~~ web page in a web page
- abbr :- full form on hover

#### ★ ID & classes +

`<div id = "main" class = "red bg Arial" >`  
 ↳ name, identifier      ↳ multiple  
 ! Id = element

emmet +

span . class  
 span . id

• → class

# → id

span . class 1 \* 4 → create 4 span with class 1

#### ★ Video, Audio & Media HTML +

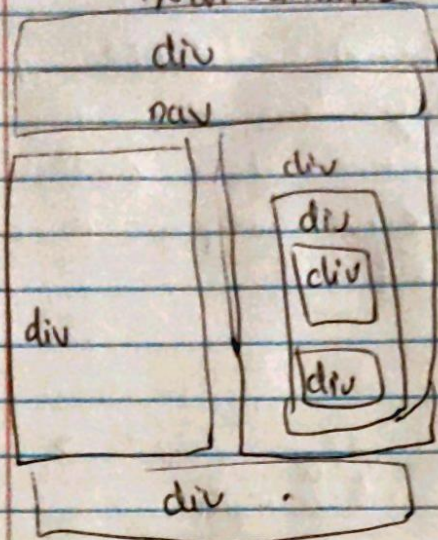
`<video src = " .mp4" width = " " controls > </video>`  
 autoplay  
 poster } "Thumbnail" }

`<audio src = " .mp3" " " " > </audio>`

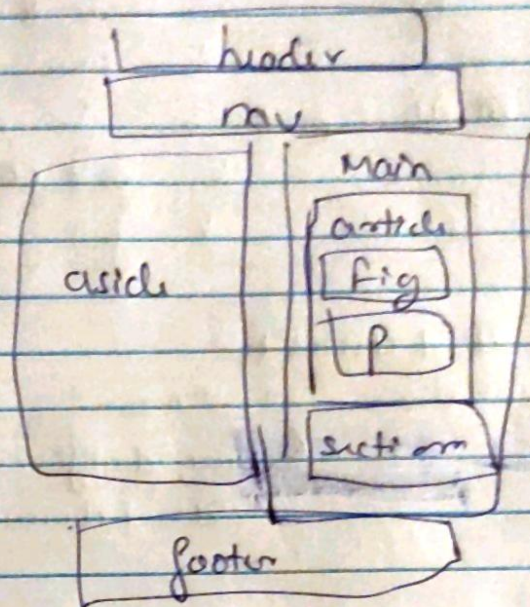


## \* Semantic HTML

• Non Semantic



• Semantic



## \* HTML Entities

! ! ;      >      <

- `<abbr title=" " ">` → Full form when hover
- `blockquote` → for quoting content from another.
- `figcaption` → give small caption to img.
- `iframe` → web page inside web page.