

# HTML 5

HTML - Hyper Text Markup Language  
it is used to create website structure.

< !DOCTYPE html > → specifies this is an HTML doc

< html lang = "en" >

< head > → it contain metadata

< meta charset = " UTF-8 " >

< meta http-equiv = " X-UA-Compatible "  
content = " IE = edge " >

< meta name = " viewport " content =  
" width = device - width , initial - scale = 1.0 " >

< title > Document < / title >

< / head >

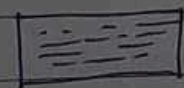
< body >

< / body >

< / html >

.html or .htm is extension of html files.

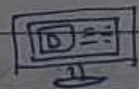
create index.html in that write above content.



HTML  
Document



Browser



Rendered  
page

Imp notes -

1) Head and body tags are children tag  
of HTML tag

2) HTML is parent or head and body tag.

3) most of html elements have opening and closing tag with content between opening and closing tag.

e.g. `<P> ... </P>`

4) some html tags have no content this called empty element.

e.g. `<br />` , `<hr />`

5) you can use "inspect element" or "view page source" option from chrome to look into a website HTML code

HTML element = start tag + content + end tag  
 = `<h1> ... </h1>`

\* comments -

`<!-- HTML comment -->`

\* case sensitivity -

it is not case sensitive it consider `<H1>` is same as `<h1>`

HTML is used to add for defining layout of a page - it is a backbone or page structure.



HTML renders code only in `<body> ... </body>` tag.

- \* HTML attribute -  
used to add more information corresponding to an HTML tag.

`<a href = " google.com"> click Here </a>`  
↓                      ↓  
anchor tag          attribute

- \* heading tag -  
it is used to mark heading in html from h1 to h6, we have tags for most important to least important heading  
`<h1> most important heading </h1>`

⋮  
`<h6> least important heading </h6>`

we should not use html headings to make text thick or bold.

- \* paragraph tag -  
used to add paragraph  
`<p> this is p tag </p>`

- \* anchor tag -  
used to add lines to an existing content inside an html page