

Chapter 1: Creating our First Website

We start building a website by creating a named index. `index.html` is a special filename which is presented when the website root address is typed.

A Basic HTML Page.

`<!DOCTYPE html>` → Specifies this is a HTML 5 Doc

`<HTML>` → Root of an HTML page

`<head>` → Contains page metadata

`<title> Arayan Website </title>` → Contains file
`</head>`

`<body>` → The main body of the page

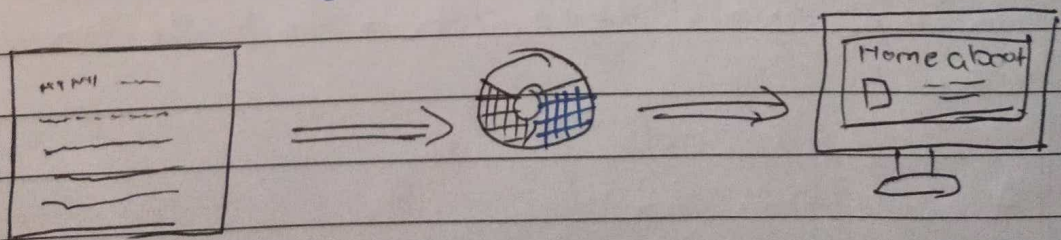
`<h1> This is a heading </h1>` → heading tag

`<p> My paragraph </p>` → paragraph tag

`</body>` → Closing body tag

`</html>` → Closing HTML 5 Doc.

A Tag is like a container for either content or other HTML tags.



HTML Document Browser Rendered page.

Imp Notes.

- Head & body tag are children of HTML tag
- HTML is the parent of Head & body tags.
- Most of the HTML element have opening & closing tag with content in between opening & closing tags.
- Some HTML tag have no content. These are called Empty element eg `
`
- We can either use them `html` or `htm` extension
- You can use "Inspect Element" or "view page source" option from Chrome to look into a website HTML code.

Content

HTML • Element = Start tag + Content + End tag

(comment) in HTML

Comment in HTML are used to mark text which should not be parsed they can help document the source code.

`<!-- HTML Comments -->`

Case sensitivity.

HTML is a case insensitive language `<H1>` and `<h1>` tags are the same