

Chapter 1 - Creating our first website

We start building a website by creating a file named index.html. 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 an HTML5 doc

`<html>` → root of an HTML page

`<head>` → contains page metadata

`<title> Harry's Website </title>` → contains title

`</head>`

`<body>` → The main body of the page (rendered by the browser)

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

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

`</body>` → closing body tag

`</html>` →

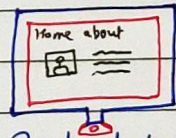
A tag is like a container for either content or other HTML tags.



HTML Document



Browser



Rendered page

Imp Notes

- Head & body tags are children of HTML tag.
- HTML is the parent of Head & Body tags
- Most of the HTML elements have opening & closing tag with content in between opening & closing tags.
- Some HTML tags have no content. These are called Empty elements eg `
`

- We can either use .htm or .html extension
- You can use "Inspect Element" or "View Page Source" option from chrome to look into a website's HTML Code.

HTML element = Start tag + Content + End tag

Comments in HTML

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

`<!-- HTML comment -->`

Case Sensitivity

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