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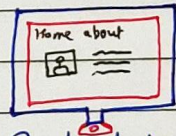
A tag is like a container for either content or other HTML tags.

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.