A plugin is a software add-on that is installed on a program, enhancing its capabilities. For example, if you wanted to watch a video on a website, you may need a plugin to do so. If the plugin is not installed, your browser will not understand how to play the video.

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.
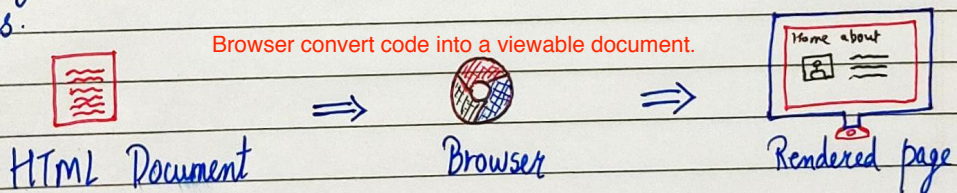
Emmet is a plugin which helps web developers to write code in editors. Emmet abrivators give you option to choose what you want to write and enter from any of the recommendation.

A Basic HTML Page

If you don't write index.html then running it directly on live server will not be possible, as now you will have to choose from any one html file.

```
<! 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.

Browser convert code into a viewable document.

HTML Document ⇒ Browser ⇒ Rendered page

Imp Notes

↗ Head & body tags are children of HTML tag. and are sibbling of each other.
↗ 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
and <hr>

Website can be said responsive if it can adapt to multiple type device and look good in all these diff. type of devices.

Sometimes live server is unable to use .htm extension. It does not recogrnize it

↗ 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.

For some website you can change the frontend using inspect element of specific thing like button and changing the content.

HTML element = Start tag + Content + End tag   Mobile First.

By using arrow on inspect.. you can find code of any element.

Comments in HTML

Using Toggle design toolbar you can view it in mobile.

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

control(command in mac) + slash is used to comment in html.

```
<!-- HTML Comment -->
```

Case Sensitivity

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