

## Chapter 0 - Introduction

HTML → Hyper Text Markup Language

HTML is the language of the web. It is used to create websites

We use HTML tags to define look & feel of a website

With understanding of these tags and how to put them together, we can create beautiful websites easily!

Then why CSS & JavaScript

HTML is used for defining layout of a page - A barebone page structure

CSS is used to add styling to that barebone page created using HTML

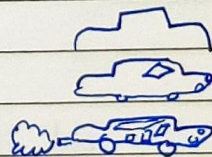
JavaScript is used to program logic for the page layout eg. what happens when a user hovers on a text, when to hide or show elements etc.

### A Beautiful analogy

HTML = Car body (only metal)

CSS = Car paint, decoration etc.

JavaScript = Car engine + Interior logic



We will start learning how to build beautiful layouts in this course.



## Installing VS Code

We can use any text editor of our choice. Here I am using VS Code because it is light weight, opensource & from Microsoft.

Go to google, type VS Code & install it

Note : You can write HTML even in Notepad. Text editors like VS Code just makes these things easier



## 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)

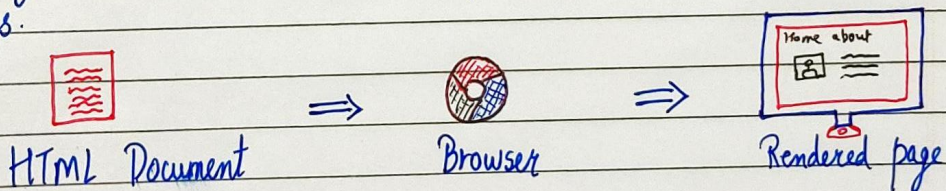
`<h1> This is a heading </h1>` → heading tag

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

`</body>` → closing body tag

`</html>` →

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



### 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 `<br>`