**What is Html?**

* Hypertext markup programming language
* Not a programming language
* Markup language for making webpage/ documents.
* Building block for webpages.

**What we need to do**

* A browser to view webpage.
* A text editor.

**Creating an HTML file**

* Does not need a server.
* Ends with .html extension.
* Index.html is the root/ home page for all websites.

When your website is ready then you need to buy domain name and hosting and upload everything there.

Incase you can not see the filetype go to **view > options > change folder > view > uncheck file type**

**Tag Syntax**

* <tagname> content </tagname>
* Element name surrounded by the angular brackets.
* Normally come in pairs (start tags and end tags)
* Some tags close themselves (Remnants of HTML 5)

**Inline Vs Block Level Elements**

**Inline**

* Do not start a new line.
* Take only necessary width.
* Span, image, a

**Block**

* Start on the new line.
* Takes the width of complete line.
* Div, h1 – h6, p, form

**Strong** : by default make the text between this tag bold but you can change this in the css.

**Em** : emphasis, by default it’s going to be italic.

**Hr:** horizontal rule, gives a horizontal line in the webpage.

**Link a tag**: href for the target address it can be local or global, we can add attribute of target blank so the link opens in the new tab.

**Tag Attributes:**

* All tags have attributes.
* Provide information about an element.
* Placed within the start tag.

**List items**

1. Unordered List

* List items appear with bullet points.
* Usually used to navigations of websites… nav bars

1. Ordered List

* List items appear with numeric (1 2 3) numbers.

**Forms**

With html you can only make the layout of the form but for the dynamic functionality you have to go for other programing languages like php.

Method POST attribute is used to store data in data base. It is pretty secure to use POST in place of GET.