**Week 1**: Topics i covered

**Resources I reffered** : W3schools

-> How Web Works

-> Difference between Websites and WebApps

-> Some basic concepts :

- Network: Interconnected different resources(computer,laptop) within single systems.

- Internet : It is globle system that exists billions of device interconnected with each other (network of networks)

- Web : Interconnected documents, devices and resources access using internet.

- IP Address : Address for identify each device uniquely.

- Browser : It is a tool to access documents, websites, web applications.

- Browser Engine : It is an application which is is used to access resources[websites, web applications]. Ex. (Chrome(Google), Safari(Apple), Firefox, Opera)

* The Browser engine is the bridge between user interface and rendering engine. The user interface can be an address bar, next button, back button and all elements that display the web page requested by the end user. The rendering engine is responsible for rendering (drawing) the web page components on the screen. So browser engine is responsible for handling the rendering engine as per the inputs received from the user interface of the browser.
* For example, Safari uses Webkit, Chrome and Edge use Blink and Internet Explorer uses Trident

- Client : Who request for something (Requests ex. Get, Put, Put, Delete) Ex. Laptop, PC, App

- Server : Who full-fill requests of client. Ex. App, Web, DB, File

- DNS[Domain Name System] : It convert domain name into IP address.

-> Difference Between Tags and element

-> Comments in HTML

-> Semantic , Structure , Formating Tags

-> semantic tags such as :

-> structure tags such as :

* <article>
* <aside>
* <details>
* <figcaption>
* <figure>
* <footer>
* <header>
* <main>
* <mark>
* <nav>
* <section>
* <summary>
* <time>

-> formatting tags such as:

* <b> - Bold text
* <strong> - Important text
* <i> - Italic text
* <em> - Emphasized text
* <mark> - Marked text
* <small> - Smaller text
* <del> - Deleted text
* <ins> - Inserted text
* <sub> - Subscript text
* <sup> - Superscript text

->Emmet abbreviations : plugin bydefault available in vs code.

>(for nesting)

+(for next tag without nesting)

#(for id atttribute)

.(for class atribute)

{}(to write some content)