# Day 1

A website is a collection of web pages.

HTML helps in building websites and help browsers display web elements suchas text, links and media

Application:

An application a program designed to is Carryout a specific task.

There are different types of applications.

1. stand alone application

2. Mobile application

3. Desktop application

4. Web application.

* All the web pages or websites are stored on Server(The logic part of page or site). all the web pages and websites have IP addresses using which they are accessed in the web with the help of browser.
* The IP addresses are typically a string of numbers which are hard to remember for a user.
* Domain name is an online address that offers a user-friendly way to access a Web site's IP address.

Server:

A server is virtual machine that provides resources, data, services (or) programs to other Computers, Known as client, over a network.

client:

A client is a device or software that connects to a server to request and use its services or resources. The client sends requests to the server and receives responses.

API:

API stands for Application Programming Interface. An API is a set of protocols and Instructions written in programming languages that determine how two software Components will Communicate with each other. AP I's work behind the scenes to allow Users to locate and retrieve the information requested.

when a request is raised by a user through client (browser) access a web page request or a service this is carried to the Server by API medium. This request is processed by the server (The logic part of the request is run in server or Back-end). After processing the request the server gives a response to client through API (gives the access to a web page or Services or resources) to the client (Browser). Finally the browser presents the web page or response to user at Front-end.