Date: 07/11/2018

**What is Internet ?**

-The internet is really a design philosophy and an architecture expressed in a set of protocols.

- A well known set of rules and standards uses to communicate between machines.

-Collection of interconnected networks.

-Also defined as collection of TCP(Transmission Control Protocol)/IP(Internet Protocol) communication protocol.

-Connectivity between computers in a network is represented by TCP and connectivity between networks is represented by IP

-Invented by Robert E. Kahn & Vint Cerf

**What is Web ?**

-Internet and web are different

-Web is a portion or part of the internet

-The World Wide Web or simple web ,is a way of accessing information over the medium of the internet .

-The web uses the HTTP protocol

-The web also utilizes browsers Eg.IE ,Firefox, to access Web documents called webpages

-Web pages are linked to each other via hyperlinks.

**What is w3c? (world wide web consortium)**

-Founded and still lead by Tim Benners-Lee

-Jointly administered by MIT , ERCIM , KEIO and Beihang Universities

-Main work is to maintain web standards.

- Invented HTTP

**What is Network ?**

-Collection of interconnected Computing devices to exchange information to each other .

-First network was created by ARPANET (The advanced research projects agency network)

-The first protocol used was FTP (previously called file transfer program renamed to file transfer protocol)

**HTTP**

-Is a protocol to transfer web content over the internet

-Is connectionless :After making the request the client disconnects, then when the server prepared response is re establishing the connection again.

-Can send any sort of data as long us both the client and server can read HTTP

-Is Stateless: The connection between the client and the server remains for the current request only the next time when a new request is made then it is treated as a new connection .

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**ICANN (domain name seller)**

The Internet Corporation for Assigned Names and Numbers is a nonprofit organization responsible for coordinating the maintenance and procedures of several databases related to the namespaces and numerical spaces of the Internet, ensuring the network's stable and secure operation.

**Multipurpose Internet Mail Extensions (MIME)** is an [Internet standard](https://en.wikipedia.org/wiki/Internet_standard) that extends the format of [email](https://en.wikipedia.org/wiki/Email) to support:

* Text in [character sets](https://en.wikipedia.org/wiki/Character_set) other than [ASCII](https://en.wikipedia.org/wiki/ASCII)
* Non-text attachments: audio, video, images, application programs etc.
* Message bodies with multiple parts
* Header information in non-ASCII character sets

**HTTP METHODS :**

-**GET:** Request the server to send the data

-**POST:** Submit the data to the server

**What is cache? (The client download the cache in order to run it faster )**

Is a temporary file(from website or browser ) stored in the hard disk of the computer (client) for faster access to a site by storing images and other documents of a site .

**What is a cookies ? ( only the server and the browser can interact through cookies )**

Are temporary files written by the server to the client computer generally to remember user name or password or any data .

**What is a web page ? ( a page or a file that can be opened by browser )**

-A page that is built using HTML tags and can be opened only with the web browsers.

**What is a static web page ?**

-Static pages show the same content each time they are viewed.

**What is a dynamic web page ?**

-A web page where the user can directly interact with is called dynamic web page.

-These web pages are created with HTML,CSS and Java Script.

- Dynamic pages have content that can change each time they are accessed.

**What is a website ?**

-Collection of inter-linked web pages are called as website.

-The are two types. static website and dynamic website.

**What is a static websites?**

-A website created only with clients level scripting technology is called static website,

-These websites are created with HTML,CSS and JS .

**What is a dynamic websites?**

-A website created only with the server level scripting technology is called dynamic website.

-These website are created with HTML CSS JS (client side scripts) and JSP or PHP or Servlets etc (Sever side scripts)

**The difference between a website and a webpage**

The difference between a website and a web page is that a website is a collection of web pages with information on a subject, and a web page is a smaller part of a larger website usually containing more specific information. If a website were a book, then a webpage would be a chapter in that book. Whether you cite a site or a page for a paper or project depends on what information you used.

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Meta data = data about data ( specific info about one data )

The tags and closing them are called ELEMENT

The property of one tag is call ATTRIBUTE (The power to change the color on the body of the page )

charset= utf-8 is to let the computer knows the language u wanna give so it will convert the value to the computer code language.

ASCII is also part of the UNICODE but it’s not allowed to use in browser .

<meta name = “keywords” content = “(tag ,tag ,tag)” it makes it easier to search by just using keywords.

<meta http-equiv="refresh" content="5"> it makes the site to refresh at any time given

most commonly use is 300 sec.

initial scale= 1.0 is the default zoom level of a web page

Describe metadata within an HTML document:

<head>  
  <meta charset="UTF-8">  
  <meta name="description" content="Free Web tutorials">  
  <meta name="keywords" content="HTML,CSS,XML,JavaScript">  
  <meta name="author" content="John Doe">  
  <meta name="viewport" content="width=device-width, initial-scale=1.0">  
</head>

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How to include any type of image into ur webpage

“alt” is the mistake for not including or locating the img file correctly

<body>

<img src="monkas.png" height="300" width="400" alt="Da meme issa ded">

</body>

<li> </li> is for listing of things

<ul> </ul> to create an unordered listing of things

<ol> </ol> to create an ordered listing of things

or <ol type= “1”> </ol> to create an OL but start with the type of things u given.

<ul type= “circle” **title= “hi”** > </ul> use the title here to give a pop up to list

so it gives popup when u point it to one list .

Date 14/11/2018

<!DOCTYPE html>

<html>

<head> </head>

<body>

<p>

<b>Bold word</b><br>

<strong>Strong word</strong><br>

<i>Italic text</i><br>

<em>Emphasized Text</em><br>

<big>Big Text</big><br>

<small>Small Text</small><br>

Hello<sup>I'm Super</sup>World<sub>I'm Subscript</sub><br>

<u>Underlined</u><br>

<ins>Inserted Text</ins>

<s>Strike through</s>

<del>Deleted Text</del>

<mark style="background: #0f0">Hilighted Text</mark>

Some idea is derived in here <cite>[extraxted from the book Khmer history by Van date]</cite>

ssss </p>

<address>

Vignesh.M<br>

Thanjavur<br>

Tamil Nadu<br>

India </address>

</p>

</body>

</html>