

Web

Technology

The methods by which computers communicate each other through the use of markup languages and multimedia packages is known as web technology.

Web Technologies

- HTML
- CSS
- JavaScript
- bootstrap
- jQuery
- Scent
- Angular
- express
- node
- Vue, ...

Web application:

Web application is a Computer program that utilizes web browsers and web technology to perform tasks over the internet.

ex: facebook, instagram, tiktok, flipkart, amazon etc...

Web browser:

It is a software program or an application used to access & view web sites.

ex: Internet explorer, google chrome, Mozilla, firefox, Safari

Renders the codes & display contents on browser windows.

Internet:

Global network of computer resource.

Web page:

Web is a way to view and share information over the internet. That information, be it text, music, photo, videos or whatever, is written on web pages served up by web browsers.

A web page is a document,
written using web technologies
that is viewed in an internet
browser.

A web page can be accessed using
by entering a URL address into a
browser's address bar.

A web page may contain text,
graphics, hypertexts to other
webpages & files.

Website :

Website refers to central location
that contains more than one
web page.

Website is collection of web pages.

Static Web page

Web page which will remain the
same until some one changes
it manually.

ex: wikipedia

Dynamic web pages

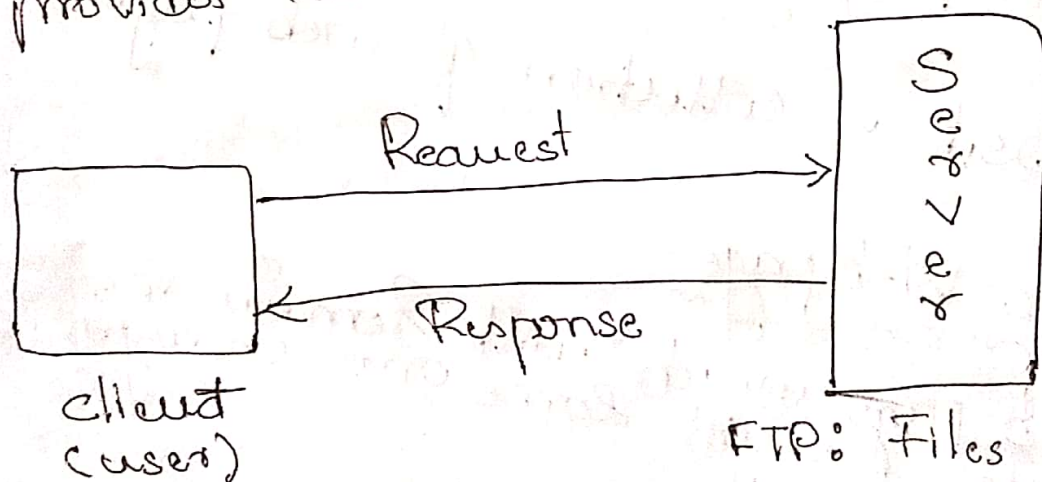
These are the web pages where the information is changed frequently.

ex: weather forecast, stock & shares etc.,

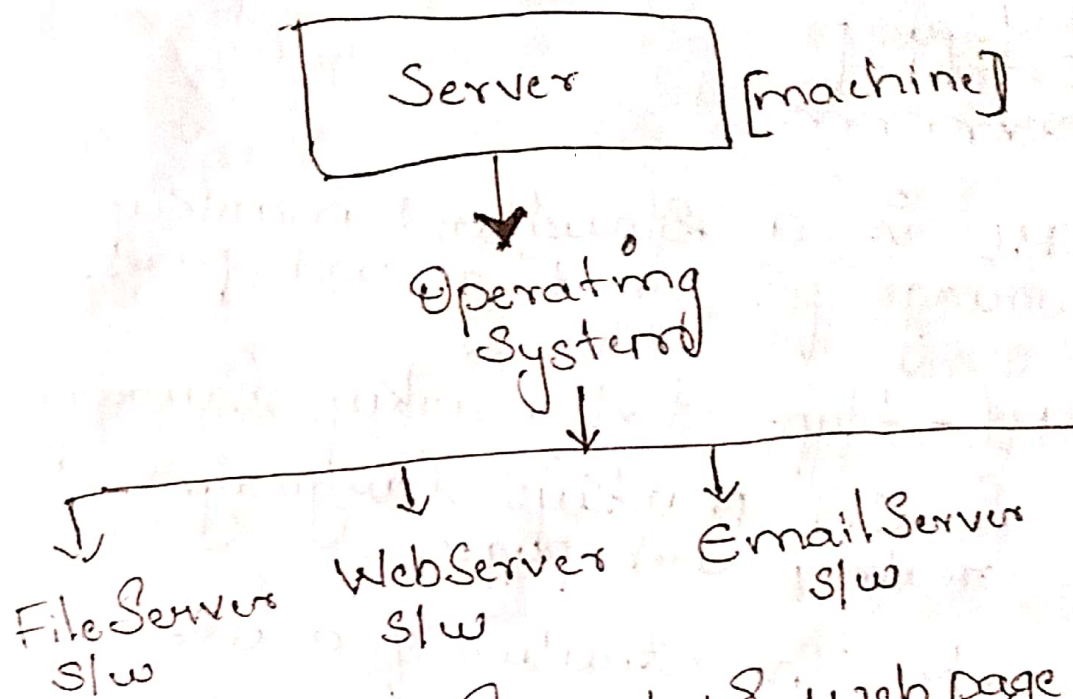
Server

Server is a software which manages all resources along with which provides the client request and serve the client request.

- It is also a machine which provides some services.



FTP: Files
HTTP: Web pages
TCP: telnet
SMTP: email



Now if client request for web page
so our machine has something
called web server, which will
provide the response.

But now, how client will differentiate
b/w multiple services?
That is the reason we have something
called port number.
Port number is the one which helps
us to get connected to a particular
server

For different services, we have different
servers,
different servers has different s/w
different s/w provides different protocol.
different protocol has different port number