

What is world wide web?

Tollection of websites on webpages in webservers and connected to local computers through the Internet.

These websites contain text pages, digital ronages,

any part of the world over the internet using their devices such as computers, captaps, ceuphones etc.

The www along with Internet, enables the metrieval and display of text and media to your device.

—) world wide web is whose pages are stored on multiple servers across the world.

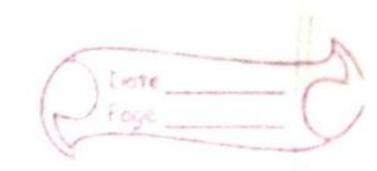
-> 3 man websites stores all of their webpages on a single servel

-) But big websites on organizations place their web pages on different servers in different Countries. 30 that when users of a country search their site they could get the information quickly from the nearest server.

The web provides a communication plateonnation for users to rebovere and exchange information over the interset.

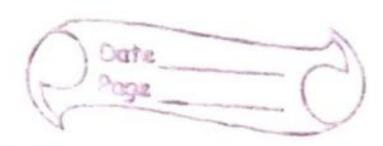
-) You need a browser, which is instanted on your computer, to access the web.

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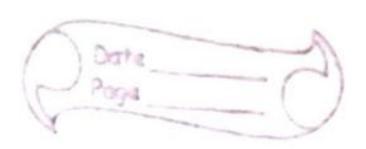
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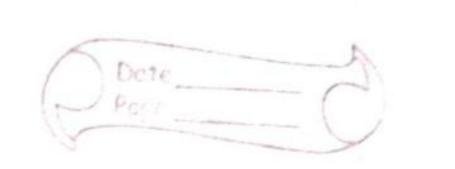
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## History of the world wide web (Assignment)

Tim Berners Lee in 1989.

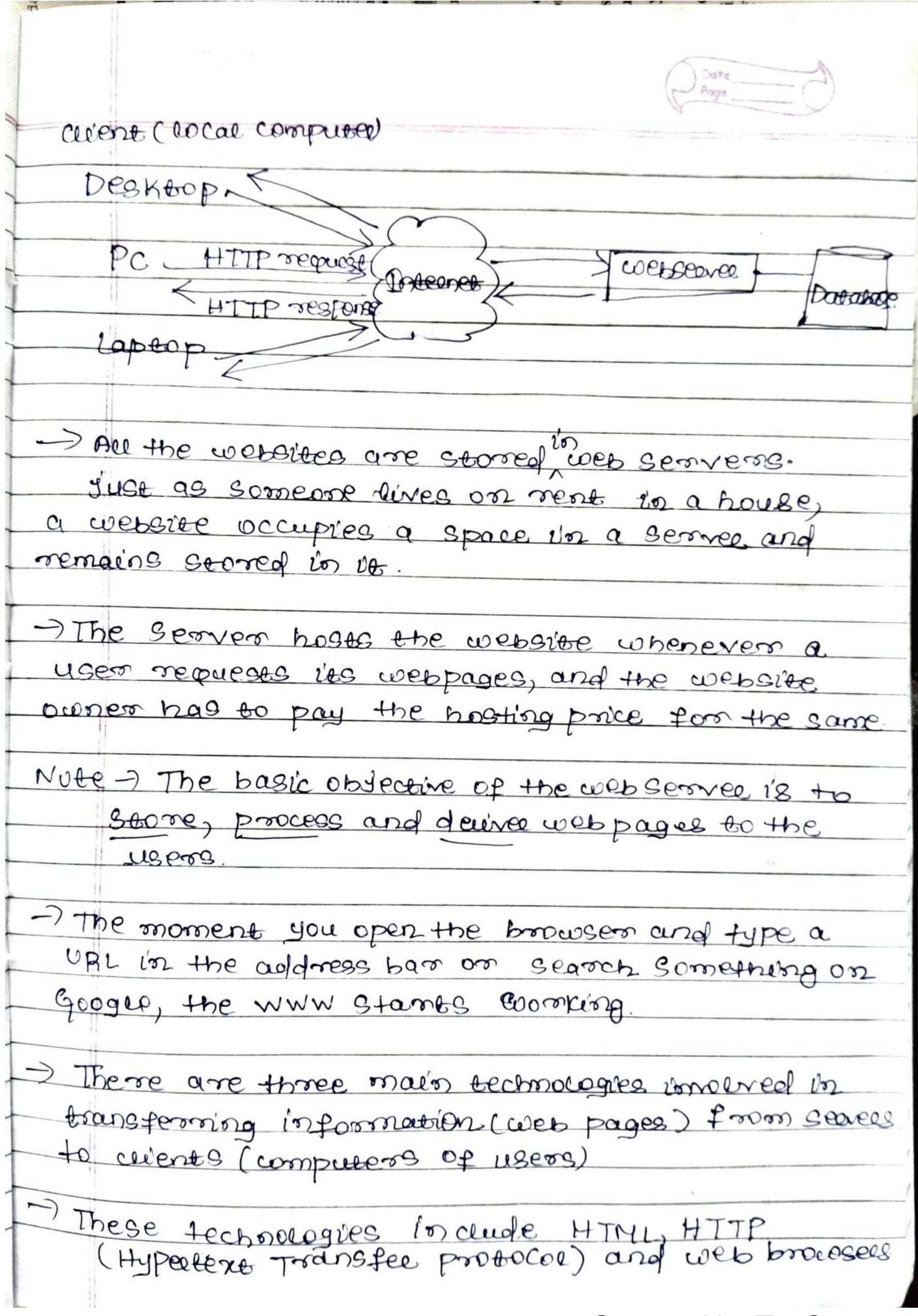
How the world wide web works?

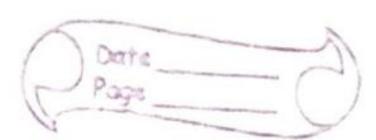
- -> WWW is a conection of websites connected to the internet, So that people can search & Share Information
- -) Let us understand how it works.

web - server server

web pages.

- The Servers store and transfer web pages or information to user's computers on the network when requested by the users.
- -) A web server is a software program which serves the web pages requested by web users using a browser.
- The computer of a user who requests document from a server 1's Known as a culent
  - -) Browser, which is instanted on the user's computer, amous users to view the retrieved documents.





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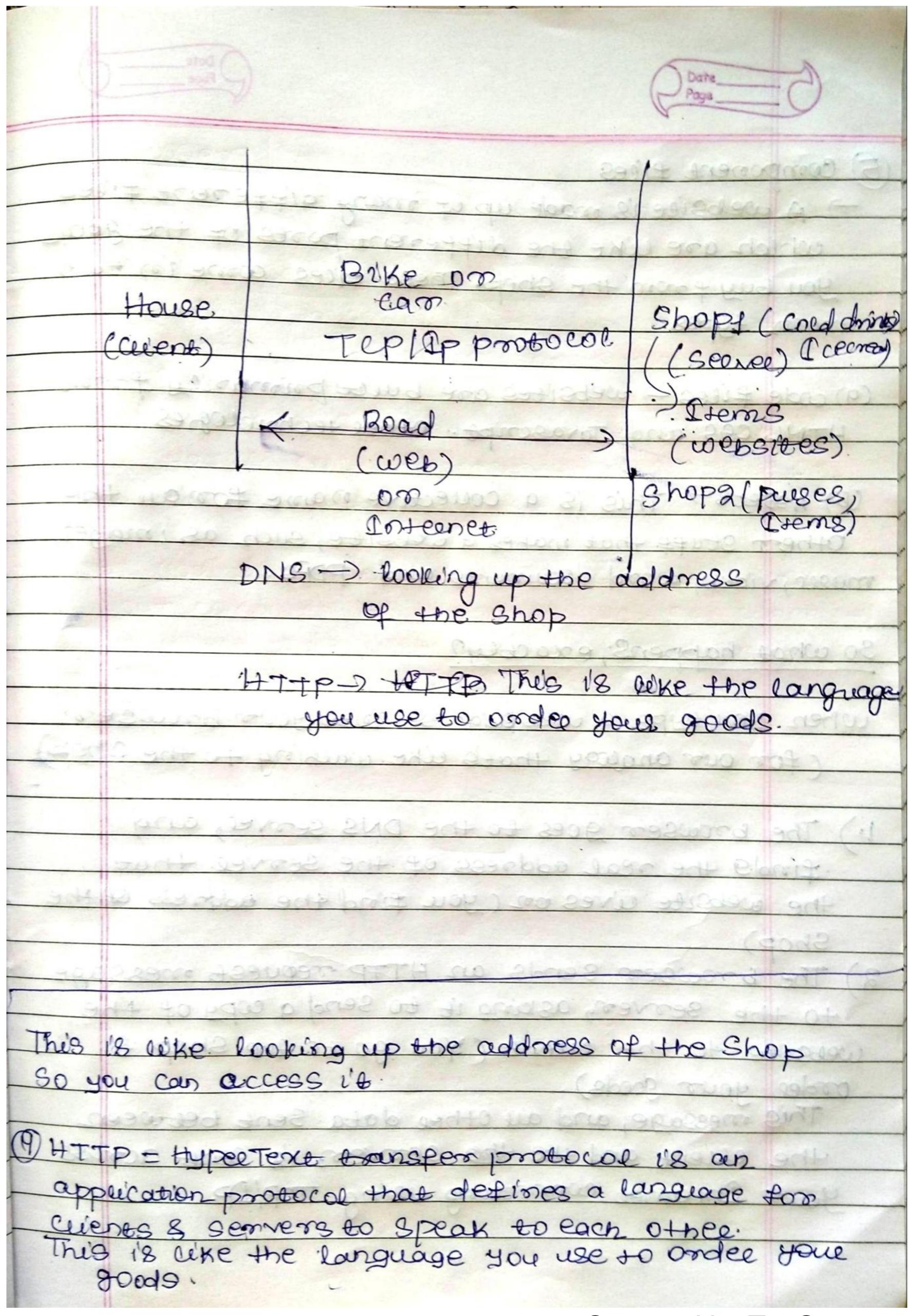


How the web works et's imagen that the web 18 a mad. on one end of the mond is the client which is leke your house. on the end of the mood is the servery which is a shop you want to buy something from. In addition to the cerent & the server, we need D. Interset connection > Allows you to send and receive data on the web. Its basically like the street between your house and the shop TOPISP Fransmission control protocol and Internet protocal are communication protocols that define now data should travel across the Cottenet. This is like the transport mechanisms that let you place an order, go to the Shop & pay your goods. In our example, this is like a can on buke (or however else you might get acound). DNS -) Domain Name system 18 like an address book. for websites when you tupe a web address 1/2 Your browsers, the browser works at the DNS to

find the webaddness website's Ip addness before

It can retnieve the website. The browsen needs

to find out which server the website lives on, so it can send HTTP messages to the night place.





(5) Component files

-) A website is made up of many different files,
which are like the different parts of the goods

you buy from the shop. These files come in two

main types

(9) code files -) websites are built primarily from HTML, CGS and Javascript. Other technologies.

(b) Assets? This 18 a confective name for an the other stupp that makes a website, such as Images, music, video, word documents and PDFs.

So what happens, enachly?

when you type q web proforms into your browser (for our analogy that's like walking to the shop)

- 1.) The browser goes to the DNS server, and
  -finds the real address of the server that
  the website lives or (you find the address of the
  Shop)
- a) The browser sends an HTTP request message to the server, asking it to send a copy of the website to the culent (You go to the Shop & order your goods).

this message, and an other data sent between the client and the two servers, is sent across your Internet connecting using Top/IP.

