Client - & mer Model

Dient:

A revent is a machini or parocess that grequests doto or source from a source.

NOTE: A single single machine / prece of software can be both a client and a source at the same time. Eq: A single machine rould not on secure for end user and as a client for a database.

Dervea:

A marchine or perocess that peroundes data or securice for or client usually by listening for incoming networks calls.

When the user enters "www.google.com" the knowser behind the scenes makes a DNS arery to find out the IP adolers of google.com

IP solderess

An address given to each machine connected

four numbrais deposented by state a.b.c.d where all the four numbras one between a and 255

IP dolohous will generally be given by the cloud persually

Eg: 127.0.0.1 -> enfort to one dig google.com

Dean local

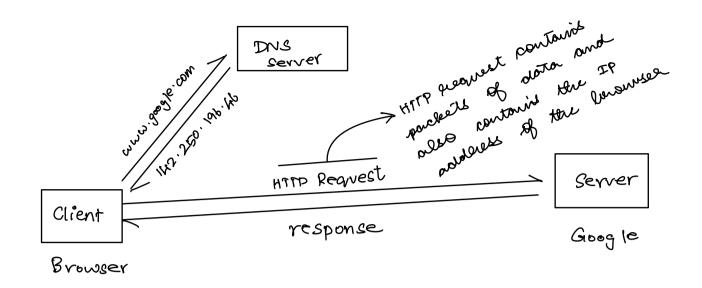
markine (ard)

localhost.

192.168.x.y = your permate network. Dur machine and all the machine on our permate wiFi network will usually have the 192.168 perefix.

DNS

DNS Stands for the Domain Name System. In suder to find the IP adoless solvesponding to the domain name the luxurser makes request to fee Netermined between which enturns the IP adoless of the domain



Ports:

In sorder for multiple persogname to litten
for new network connections on the same machine
midhout colliding they pick a port to listen
on

A poet is on integer between 0 to 65,535 is there one 2" poets in total

Ports	Vses
0-1023	System Ports. These shouldn't be used
	ly user-level processes
80	ht€p
443	https

	<u>, </u>	
53	DNS lookup	
22	Secure Shell	
IP Address is a like the address of an apartment Ports is like the house number. This is an IP oddress that point Terminal-1 terminal-2 hock to our local machine >> nc -1 8081 >> nc 127.0.0.1 8081		
>> 14/°	is a tool that allows us to	
Netemp & on took that account the sometime.		
The command in Journinal 1 y ; Risten to the means I post 8081		
Once.	you stout typing in terminal-2 seals in terminal-1	
NOTE: For this to mark me have the install		