151	Codedamn
15	Frontend! Accelerator!!!
	the pace of the contract of the contract of
	Goals: 100 Manual Manual Call
	Colombia cont within more whigh sources the
	How domain works to Issued 19
	Role of DNS
	port numbers and titlp parts
	writing raw socket strequest questos
	fundamental understanding of 1ttp.
	of Aigothe pheiridheographer Estasilian y
	The state of the s
	Internet and DNS
(In) a se	serve yould be heartstoned as seem the way a sobject
*	What is DNS?
	DNS Stands for domain Name System,
	URI's that we use to anew sites doesn't
BNA	make l'henre to competers.
	Sumple Itark N de de
nerio.	Simple tark of domain name is to
hine	that the upon white sing the sing
Keeper	that the competer can understand.
	this humber is called as Ip address /
AUR JAME	Internet protocol address.
Haraf.	DNS KI a 154stem/ technology which allows
Alres.	DNS KI a 15ystem/ technology which jallows computers to revolve host names.
1 34000	
	DNS (google, lom - 165.812.4.16)

. DNS is actually the phone book of the internet, each device connected to the internet has a unque Ip address, which other machines use to signal that divice. similar (messes) granded * How does I DNS work 2 100 100 Months When a user works to load a webpage , a translation must occur between what a user types into their wer browser (example.com) & me mailine of friendly is addressor necessary to locate the example.com webpage. The Astronom a system of sold sold as Step 1: Query more de abacelo served of prop When we type inomple con into our browse over browser Sender a guly over the intenet to find when website in a query is a question seeking to look up the question (domain pame) and return its corresponding IP address MIII a Mol territorial parties for the demand warm him on rewrence I resolver, this basically knows which other DNS Servers It needs to ask to answer your ariginal gurry. I'm fill of Step 2 + The root Servers. the first type of DMS Server the rewreive resolver talks to is called the root server. The knows the DNS information about top level domain suin as . com or . net

Step 3, the TIDA Hame Surver. A 21 8/10 0 Each tops Level domain mone server Stores DNS information for bound level domains (example.com) within the Tholoword When our gury reamer the STLD name Server, the TID Server onwers! with the IP address of the domain's name server. lapped winter them with a browner Comment. Step 41 The Domain's name Server (Hosting Servers) Next the rewrsive resolver bends the gury to the domain's name Berver, the domains DMS Server Knows that IP address for the full domain I example com is the answer is returned to the I rewrisive remolined. The state of the sta altely of the gold state of the place is Steps + The website mappears of morning Mow the rewrive resolver knows the Ip address for the domain name in our guery the rewrence resolver tells the browser what the Ip address is, finally, the librouser sends andrequent to the website to retrive the content, using the Ip addren it Turk learnt.

->	Http://procolly landyth vonder halls
- 13	Hyper text transfer protocol, there are
1 3	certain set of roler which the client &
	Service both have to follow in order to
111	establish a bouessjot communication.
×	How they are de sengue worth with
4.50	Hetp is a plain text protocol, barually the
	request is in human readable format.
	Control of the state of the sta
	Status codes one issued by and between
	response to a client's request made to the
	bur versone someone bullions
13	Explica Russianded, and property by mally the
*	Respondent ore grouped into 50 clames.
	South State of the
	Information response (100-199)
	An information of response of industrial the
	request was received and understood!
	It is I issued on provisional basis while
OF	request process continues, it wastes the client
	toll wait for final ill response. 1911
	the straight and an inch definitely and the
	Successful Response 1 (200 = 299)
Hirry	There y clase of status leader III indicates the
	action requested by the clienth was received
	understood and accepted.
	the the second of the second o
	Redrection messages (300-399)
	These Status code industre the client
	must take additional action to complete
	the request. Many of there are used in
	URL redirection
	URL redirection.

1	Chart Error Response (400-1499) (111)
	There status codes of ote intended for
	Sutuation I in I which the error Seems to
1 10	have been caused by the client.
	instruction sens for the supplies for the manufaction of
	Server Error Response (500-699)
	The Server failed to fulfil of Request
11.6	Helman in the lateral of particular language or properties of
	to the low the parish of the man the man the
*	Port of Number, Maniki Jorg States in Sulphia.
53	File transpir protocol (pp) 18 100
	Standard communication protocol used
=>	for file transfers between server & a
	client on a l'emporter network.
	HIML Busing
	port monter ikil used to different late
3-10	the service requests that's coming in to
12	the laderer book substant to the History
3311	the served of the service of the ser
13 .	by default, http is arrigined porting 80.
188	https in anighted port non 443.
	Allended begge one like keeplest bearings
*	Http: Request Methods = 11/15 10/100000000000000000000000000000
13	Hetpo definer a set of request nethods
54	to market the desired, action to be
1000	performed fot an given resource.
•	Get 1 (118 - 008) PROVING CONTRACTOR
N 34 M	representation of the specified
23371	resource, request's using get should only
NI	ocata.
	Eg browsing.

· Head: the head method ares for a response identical to iget request, but without the response abody allow nothing por observer sold of moth word for and the farther of the farthers to · Post + server or the post method bubmits on entity to the specified I resource I, is often a causing it a chiene in state or side l'effects on the server Eg login form. (Send input data) for Put
the put method is used to transfer

data to the server with the Higgert payload ie deposits data onto the surver inverse of get. Intel me Hommon the final times of the M · Patent Infrances as police & partially modify the resource. from tags one live keymords where More post with the all universal request and can be word or in any way a mose intends. pay load. Imports al body son a

Http Request Headers. Many 1, 11011 Request Heading is and Hitp header that con be used in an 1 Http request to provide information about the request contest, so that the server con tailor the response. the to past post about the sounds of and Net Cat is basically a vility which allows you More to open tep and udp connections to differently address, some model The standards of the standards → Html 5 / C86 3. the put method in the settle -> Html Baries, Will of alabo payload is deposite state conto the * comments in html. I have 1-- --> for a comment block Hemt tage: heme tags are like keymords which defines 1 that who woll strowsers owill sold format and display the montent Attail tags i contain 13 main parts; opening tag, content and closing tag. Come taga are unclosed) . When a browser reads a HTML downent, It reads it from top to bottom & left to right, these tags are then used

to create him downers and render their properties, each tag has its own properties. · most used tagst Khtml> </html> root element (head) (/head) downent head - page title Etitle > </ title> <body> </body> page's content < H1> </ H1> - A bertion heading X x < (p> < 1p> - < < a> < (a> < 1a> - A paragraph A link x < img> -An image <div>> </div> block level container for X content - An inline container for x (Span) < 15pan > content. block tags are the tags that contone the entire targeth of the page.

Inline tags contoner Tust the width of the wortent that it holds. Eg+ block -> ZPY, 2divs, 2M1> inline -> espons, ear, coms, estrongs