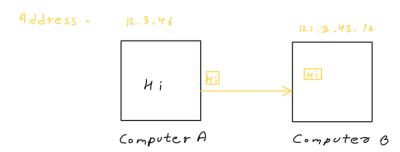
INTERNET



(Dynamic)

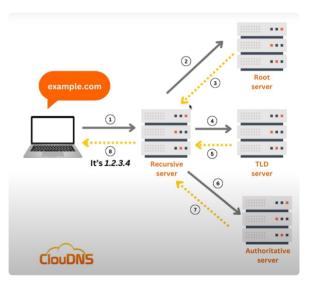
IP address internet protocol address

- exisibhi Conversation blw computer Re lige Il address lagta hai
- · If address temporary hota hai jo net off Karneke boad hat data hai

IP address is provided by internet service provider (ISP)

ONS - Domain name Server

Converts Domain name to it address



root server-saporates request based on entention in con org

TLD Server - Sends to authoritative server

authoritative Server-Sends returns IP address

(permanent) MAC Address- mediam access (ontrol address no. on ways in which we can Transfer data

Request

SIP SMAC Anjali Chat	RIP	RMAC
----------------------	-----	------

1011 nonce acina mere une requestes agra me

Sent in local machine

IPV4: 32 bits

0.0.0.0 -> 255.255.255.255

2 = 4,29,49,67,2960 evices

I PV6: 129 Bit number

2 = 3.403×1030 evices

Port number: 16 bit (unsigned) 2 -1 = total no. of ports

Some Ports are reserved

O well known Port (0-1023)

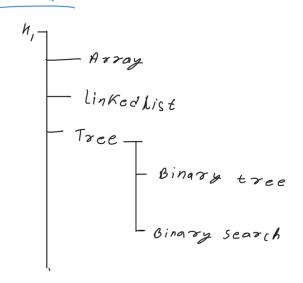
- @ Registered ports (1027-49151)
- 3 Dynamic/Private/Ephemeral post (49152-65535)

HTML

Tags

tags are fundamental elements used to structure and format Content on a web page

heading



·do not skip head tag H, > M2 > M3 > M4 > M5 > M6

2M1> hello world 2/41>

UTML element

Paragraph <P>

to write a paragraph

Chr > - horizontal line

> - break

LLI > MILK C/LI>

LLI > Sugar C/LID

CLI > water 2/LID

C/OL>

CUI > MILK C/LI>

CLI > Sugar C/LID

CLI > Sugar C/LID

CLI > water 2/LID

CLI > water 2/LID

C/UL>

Ca href = "gorgle.com") google (10) 11 to create (ink

target = "-blank" Nopen in new tab

Ling Soc = "ing. jp2" height = 200 pm" weight = "700pm" alt = "imge")

TABLE

Ctable> (/table> 1/table Declaration (td) (/td) 11 table data < +3) </t >> // table sow used for setting border (tr) C t d> name 2/td> 2+2> roll 10. 5/4d> </tab (th) (/th) //table header (theader) (theader) Whead of table 11 body of table (tfooter) (/tfooter) "footer of table You span = " " Il how many rows should it contain Col span = " // how many coloums should it Lantain Paths

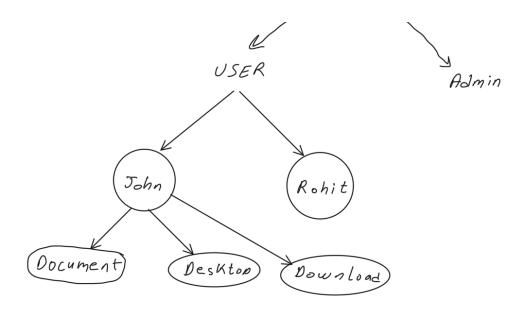
Windows (:\ Users] ThonDoe\ Document\ report. docx

Linur /User/ThonDoe/Documents/report. docx

togo back

../

Root



< ! Docktype html)

chtml lang = "en"> 11 langurage

< head>

Lmeta charset ="Utf-8">

<meta name = "Viewport" (ontent = "width = device - width, initial-scale = 1.03)</pre>

∠title> DOC ∠ /title> 11give tobiname

</head)

(body)

</body>

(html)

ASCII - 1 byte

UTF-8-1,2,3 kpt (Flavible)

div

away to grown diffrent elements

(div) (/din) l'inbetueen all the elements unichare to

Class

```
    hi class = "second"
)
                   Class is an attrib ote
         < h2 id = " second">
                     id is similar to class and is unique
               < header > ( /header > 1/ Occlare header
                < footer > </footer> "declare footer
                 <main> </main> // della = 6 main body
                              Form
              most used interactive element of themeb
              < form> </form> initialise form
                 < Label > </label > name of Born attribute
               Cinbut type="tent") enables taking input
                       Doctines type of in but
                          number-take integer as input
                          bassword - for password
                          Submit for submitting form
<inbuttype="tout" name= "Name"> - to give at Key value bair
               (heckbon- sclect multiple option
                 name should be same for it to work properly
                   Change:
                        (label for="n"> React 
                        <input type="(heckbou" value = "React" name = n id="heact")</pre>
                       267>6x
                       Cladel for="n">Nod=JS∠/label>
                       <input type="(heckbor" value = "None" nance")" id="None">
```

to make a selection tropdown menu

Radio buttons

only one of the option is to be selected

(label for = "n" > React () label >

(input type = "Radio" value = "React" nancen id="React")

(br>2br)

(label for = "n" > Node Js () label >

(input type = "Radio" value = "Node" nancen id="Node")

(br>2br)

(br>2br)

for creating clickable buttons Ebutton) is regarded as more usefull then input as button provides more plenibility