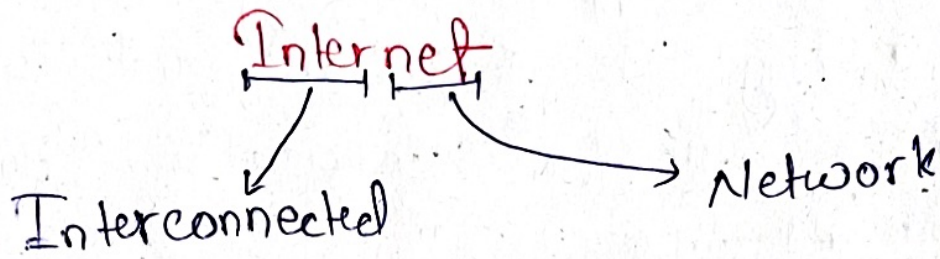


Day 3

How Internet works



History of internet :

- January 1, 1983 is considered the official birthday of Internet
- 1960s - ARPANET was invented by a team of computer scientists for Advanced Research Projects Agency of U.S. Department of Defense.
- 1970s - In December 1970 the Network Working Group (NWG) working under S. Crocker finished the initial ARPANET Host-to-Host protocol called the Network Control Protocol (NCP)

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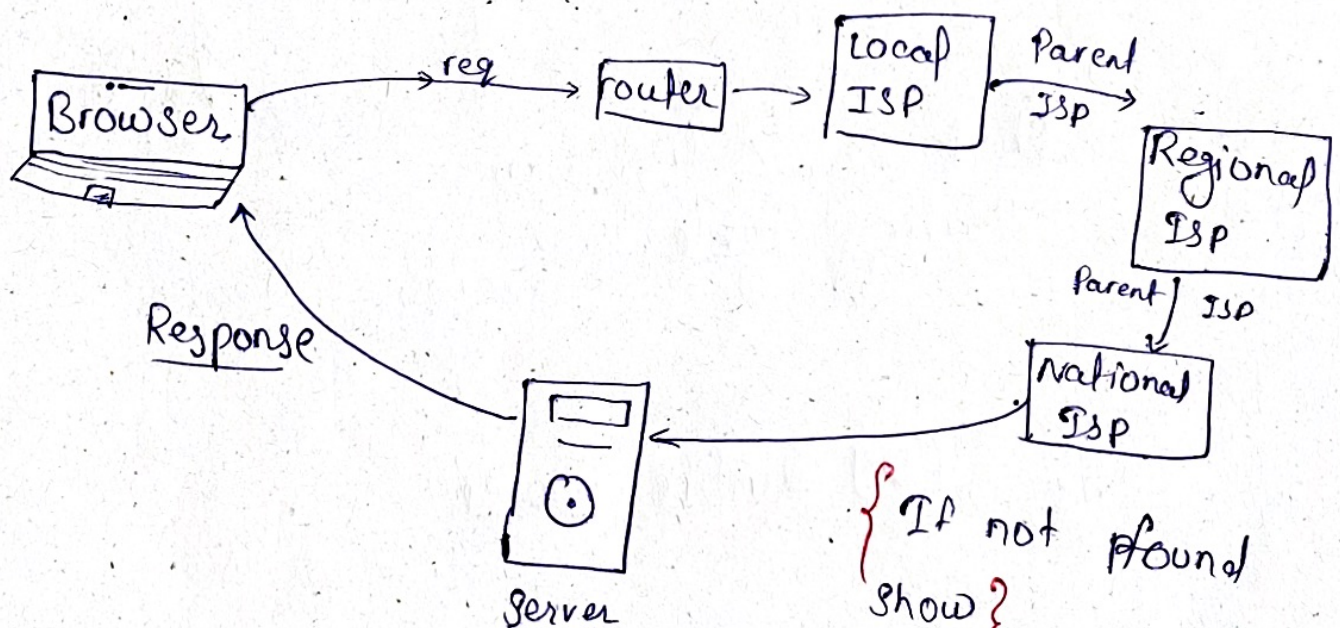
- 1980s - The First internet service provider (ISP) companies were formed.

Like:- PSINet, UUNET, Netcom & Portal Software

- 1990s - Berners-Lee developed Hypertext Transfer Protocol (HTTP) and designed the Universal Resource Identifier (URI) system.
- 2000s - Google, Facebook & Mobile phones are formed.

Today - Everything is on Internet

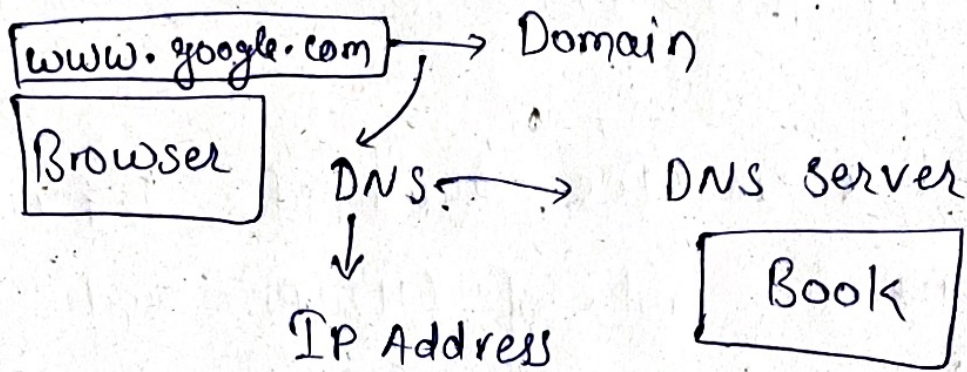
How To access a Web Page



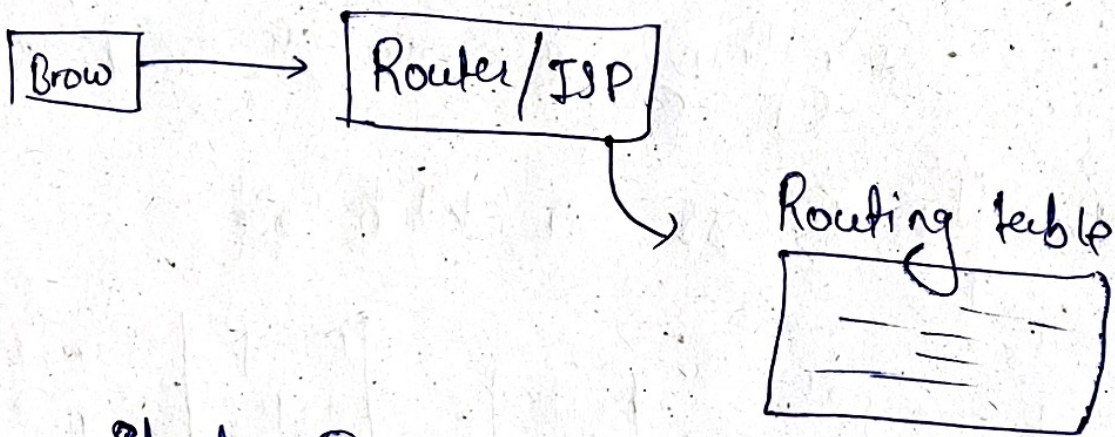
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"404 Page not found"

How our Browser Find web page's IP Address



How ISP & Routers check IP Address




Check IP Address in
Routing Table.

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Protocol :- "Set of rules outlining how connected devices communicate across a network to exchange information easily & safely".

- TEL
- IP
- HTTP
- SMTP
- POP & IMAP
- FTP
- SNMP
- DNS
- SSH
- DHCP
- BGP etc...

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