The Complete 2024 Web Development Bootcamp

Internet is just a long piece of wire that connects different computers to each other.

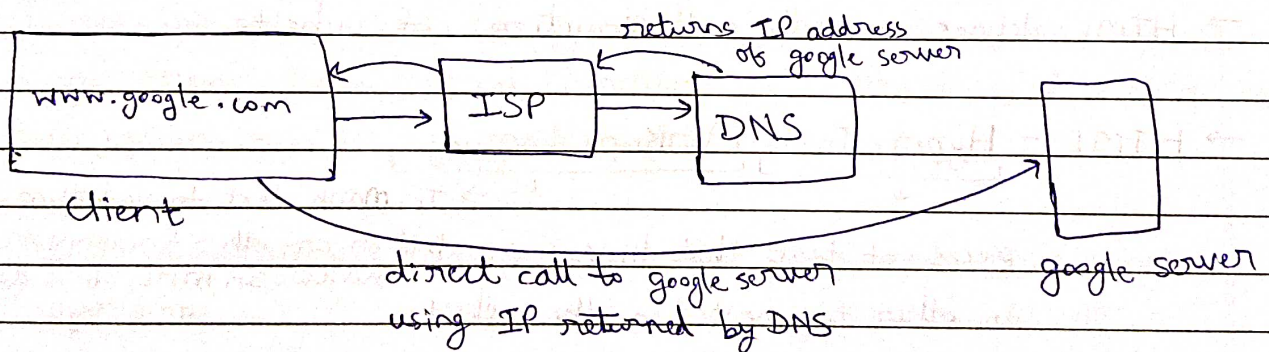Servers are computers that need to be on 24/7 to serve the data and files to the clients continuously.

ISP - Internet Service Provider
   ↳ jinko apan pay karte hai to use internet, like Jio, airtel etc.

DNS - Domain Name System server
   ↳ contains IP address corresponding to each website.

Every device connected to the internet has a unique IP address.

nslookup.io website gives the IP address of each website.
There are massive undersea cables connecting all the continents on earth. We can find the map of wires on -
submarinecablemap.com

The undersea cables are fibre-optic cables with transfer speeds of upto 400 GB/sec.

→ Server responds with 3 types of files to load a website -

1. Html — content
2. Css — Styling
3. Javascript - functionality

→ aria-label → is for text readers to read.

To change what you see on a website → change 'value' attribute.

→ command ⌘ + shift ⇧ + 4 to take screenshot in mac.