**Http 1.1 and http2**

Http 1.1 was developed by tim berner leein the year 1989 for communication with world wide web, http is a top level application protocol which exchanges the data between client and the server

It request the data in a text format and sends the response in html format

Client sends a request by calling methods like GET and POST.

Http2 was developed by google to avoid the load on web pages by using techniques like compressing, multiplexing, prioritization.

**Http version history**

Http/0.9 the one line protocol

http/1.0 building extensibility

http/1.1 the standardized protocol

http/2 a protocol for greater performance

http/3 http over QUIC

**Node.js vs browser.js**

Node.js uses javascript as a programming language

NodeJS is a cross-platform and opensource Javascript runtime environment that allows the javascript to be run on the server-side. Nodejs allows Javascript code to run outside the browser. Nodejs comes with a lot of modules and mostly used in web development.

Browser.js can be run in the browsers

It is basically used on client side

It is used in frontend development

It uses html tags

**What happens when we type a url in browser?**

When we type the url in browser

Browser lookup for ip address for domain name via DNS

Tcp connection through handshake

Browser sends a http request to the server

Server sends back http response

Browser begin rendering the html css and javascript objects

Once the page is loaded on browser, browser sends further async request as needed