Q1) Defference between the HTTP1.1 VS HTTP2

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| **HTTP1.1** | **HTTP2** |
| Some methods and response code are added | Support of parallel request transmission by stream |
| Keep active become officially supported “HOST” header becomes supports for virtual | Addition of flow control and prioritization function is unit of stream |
| Syntax and semantic are separated | Addition of sever push functions |

Q2) HTTP version history

a) The original version of http was intented only for the transfer of hyper text documents

b) And it was designed to be very simple to make implementation of the fledgling web easier

c) this early HTTP specifies that an HTTP clint establish a connection to the HTTP server using TCP

d) the first version of HTTP was functional but extremely limited in its capability

e) it didn’t support the transfer of any type of data other than hyper text

Q3) list 5 difference between the js vs node js

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| **JS** | **Node JS** |
| Java script is the programming language that is used for writing script on the website | Node js is a java script runtime environment |
| Java script only be run in the browsers | Node js code can be run out side the browsers |
| It is basically used on the clint side | It is mostly used on server side |
| Js is used in frontend development | Node js is used in server side development |

Q4) what happens when you type a URL in the address bar in the browser

a) First it checks the browser cache the browser maintains the repository of DNS records for a fixed

Duration for web sites you have previously visited so it is the first place to run a DNS

b) second, the browser checks the OS caches if it is not in the browser cache the browser will make a system call to your underlying computer OS to fetch the record since the OS also maintains a cache of DNS records

c) third it checks the routes of cache

d) fourth if checks the ISP cache if all steps fail the browser will move on the ISP maintain its own DNS records. which the browser would checks with the last hope of finding your request URL