Q 1. Write a blog on Difference between HTTP1.1 vs HTTP?

Answer:

Hyper Text Transfer Protocol. It is also know as the language of web. It is also used for communication between web browsers and web servers

Evolution of HTTP:

1. HTTP/0.9 It is known as one line protocol
2. HTTP/1.0 Building extensibility
3. HTTP/1.1 The standardized protocol
4. HTTP/2 A protocol for greater performance
5. HTTP/3 HTTP over QUIC

HTTP 1.0:

Non-persistent is something where the moment you will receive the response the connection will get closed . You have to initiate a new connection in order to get the other object. From below diagram you can see the same. It requires 2 RTT per object 1 RTT to establish the TCP connection and the second to fetch the object.

HTTP/1.1:

Coming back to persistent that is HTTP 1.1 , persistent is **"Someone who is persistent continues doing something or tries to do something in a determined"**So the reason http 1.1 called as persistent let me explain this by example, After establishing the tcp connection the client sends one http request and gets the response for the same still the TCP connection will be there it wont get closed. So you can send another http request over the same tcp connection to fetch the further objects.

Q2 Write a blog about objects and its internal representation in Javascript

Answer:

Object are a structure of the key value pair. Object name is also as a reference name. Object don’t have indexes. We can access the element of the object using key name.