**DIFFERENCE BETWEEN HTTP1 AND HTTP2**

**HTTP1:**

* YEAR: 1991
* KEY FEATURES: For every TCP connection there is one request and one response
* STATUS CODE: Can define 16 status code the error prompt is not specific enough
* CACHING: Provides support for caching via the If-modified since header.
* PROTOCOL TYPE: Text based protocol that is in the readable form

**HTTP2:**

* YEAR: 2015
* KEY FEATURES: Using multiplexing, where over a single TCP connection resources to be delivered are interleaved and arrived at the client almost at same time. It also provides a key feature called “SERVER PUSH” that allows the server to send the client will need but has not yet requested.
* STATUS CODE: Under lying semantics in http such as headers and status codes remains the same.
* CACHING: HTTP/2 does not change much in terms of caching with the server push feature if the client finds the resources are already present in the cache, it can cancel the pushed stream
* PROTOCOL TYPE: It is binary protocol (HTTP requests are sent in the for of 0s and 1s). Needs to be converted back from binary in order to read it.