Write a blog on Difference between HTTP1.1 vs HTTP2

The difference between http1.1 and http2 are as follows

**HTTP1.1**

1. Http1.1 has been around for more than a decade. With google’s SPDY leading the way in 2015.
2. The Http1.1 is the first standardized version of HTTP,which was introduced in1997.
3. In this version it get transformed the way requests and responsive were exchanged between the clients and the servers .
4. The Http1.1 is presented significant performce optimizations(over HTTP0.9 and HTTP1.0)
5. Some methods and responses codes are added
6. The “KEEP-ALIVE” becomes officially supported. And “HOST” header becomes supported for virtual
7. The syntax and semantics are separated
8. The Http1.1 provided support for chunk transfer that allowed streaming of content dynamically as chunk
9. It was no longer required for each connection to be terminated

10 .this enhancement was particularly useful in cases where value of field remained unknown until the content had been produced .

**HTTP2**

1. HTTP2 which introduces several features to reduce page load times.
2. HTTP2 achives faster webpage loading without performance optimization that require extensive human efforts in terms of development
3. The HTTP2 introduces the concept of a server push where the server anticipates the resources that will be required in client making requests.
4. The HTTP2 introduces the concept of multiplexing that interleaves the requests and responses without head of line.
5. It is binary protocol i.e only commandsin this form of 0s and 1s are transmitted over the write.
6. This feature greatly increases efficiency in terms of security ,compression and multiplxing
7. HHTP2 uses HPACK header compression algorithm that is resilient to attacks like CRIME and utilizes static Huffman encoding.
8. The HTTP2 is support of parallel request transmission by ”STREAM” .
9. The addition of flow control and prioritization function In units of “STREAM” .
10. The HTTP2 much faster and more realiable than HTTP1.1

**2. Write a blog about objects and its internal representation in Javascript**

A javascript object is an entity having state and behaviour(properties and method).

for example car is an object where wheel, mirror, stiring, engine and so on, these parts are present in a single object called “CAR”

JavaScript variables can also contain many values.

Objects are variables too. But objects can contain many values.

Object values are written as **name : value** pairs (name and value separated by a colon).

Where NAME=key

VALUE = value of the key

SYNTAX:

Let object name= {

Key :value

}

EXAMPLE OF OBJECT:

Let student details={

Name:”ganesh”

Id: 31

Age:21

Hight:6.8

}

To access to object there are different methods they are

* Console.log(student.name)
* Console.log(student[“name”])