

1. Write a blog on Difference between HTTP1.1 vs HTTP2?

- **HTTP** stands for hypertext transfer protocol, and it is the basis for almost all web applications. More specifically, HTTP is the method computers and servers use to request and send information.

HTTP1.1	HTTP2
• It was released in 1997.	• It was released in Feb. 2015 by IERF.
• It uses text-based commands for HTTP requests.	• It interleaves multiple requests/responses in parallel without blocking anyone.
• It added many performance enhancements e.g. caching, request pipelining, keepalive connections, transfer encoding, byte-range requests, etc.	• It allows servers to "push" responses into client caches proactively.
• It can load one request at a time. Hence one request per one TCP connection is possible.	• It uses a single TCP connection to deliver multiple requests/responses (in parallel).

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

Objects are important data types in javascript. Objects are different than primitive data types (i.e. number, string, boolean, etc.). Primitive data types contain one value but Objects can hold many values in the form of Key: value pair. These keys can be variables or functions and are called properties and methods, respectively, in the context of an object.

Every object has some property associated with some value. These values can be accessed using these properties associated with them.

```
let myCar = {make = 'BMW', model = 'M4 Competition', year = 2022, wheels = 4}
```

After creating myCar object, the value inside the object can be accessed using keys.

i.e.

```
myCar.year | Output: 2022
```